S·AM·PEPYS·CAR·ET·IAC·ANGL·REGIB·A·SECRETIS·ADMIRALIA·
Mens cujusque is est Quisque

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Mens cujusque is est Quisque

Memoires

Relating to the

STATE

OF THE

ROYAL NAVY

OF

ENGLAND,

For Ten Years, Determin'd

December 1688.

Quantis moleſtiis vacant, qui nihil omnino cum Populo contrahunt? Quid Dulcius Otio Litterato? Cic. Tuſc. Diſp.

Printed *Anno* MDCXC.

x-55-1068

GIFT OF
Carleton R. Richmond
16 Dec 1955

Memoires

Relating to the

STATE

OF THE

ROYAL NAVY

OF

ENGLAND.

'TWas in *April* 1679, when (my unhappy *Maſter*, his then *Royal Highneſs*, having but newly been commanded abroad, and my ſelf now ſhut April 1679

Admiralty-Management altered.

up in the *Tower*) *His Majesty* K. *Charles the Second* was led to the exchanging the *Method*, wherein the *Affairs* of his *Admiralty* had for some years before been manag'd under his own Inspection, for that of a *Commission*, charg'd with the *Execution* of the whole *Office* of his *High Admiral*.

The Juncture proper for the Alteration.

An *Occurrence* carrying this in it of peculiar; That no one *Article* of *Time* appears within the whole *History* of our *Navy*, wherein this could have fallen out more equally towards the *Persons* immediately inte-

intereſted in the *Alteration*. For-aſmuch as (by occaſion of a *War* then newly in agitation with *France*) the *State* of the *Navy* had paſt an *Inquiſition* ſo publick and ſolemn (extant at this day in the *Regiſters* both of *Parliament* and its own) as no time can ſhew to have at once been ever before taken; leaving no room for Controverſie (under any future *Events*) touching the condition wherein the *Navy* was at that time, either deliver'd over by the *one*, or taken in charge by the *other*.

Inquiſition into the Navy by Parliament.

State of the Navy then.

Which Condition *was ſhortly this*, viz.

Ships in Sea-Service.

I. The *Groſs* of the *Fleet* of *England* was in that ſtate of *Repair*, as (in proſpect of the forementiond *War*) to have had but few Months before, and upon leſs than four Months warning, actually in *Sea-ſervice* and *Pay*, compleatly furniſhed with ſix Months *Sea-ſtores*, *Eighty three* of His *Majeſties* own *Ships* of *War* and *Fire-Ships* (over and above Merchant-men, and the numerous Train of *Ketches*, *Smacks*, *Yachts*, and other ſmall Craft, atten-

attending the ſame) and theſe of the higheſt, as well as other Rates, employing in the whole above 18000 Men, as follows,

Abſtract *of the* Fleet *in* Auguſt, 1678.

		N°	*Men.*
Rates	1	5	3135
	2	4	1555
	3	16	5010
	4	33	6460
	5	12	1400
	6	7	423
Fire-Ships		6	340
Total		83	18323

Of which were left in like

Sea-Pay at the time of my *Confinement*, Threescore and Sixteen of the following *Rates*, bearing 12000 Men.

Abstract *of the* **Fleet**, *left by Mr.* Pepys *in* Sea-pay, April 1679.

	No	Men.
Rates 1	1	12040
2	3	
3	15	
4	30	
5	12	
6	7	
Fire-Ships	8	
Total	76	

II. The whole *Residue* of the

the *King*'s Repairable *Ships* were (upon no leſs ſolemn an *Enquiry*) reported within the ſame time, by the *Surveyor* of his *Navy*, and *Body* of the *Navy-Board*, in a condition of being throughly fitted for the *Sea* and furniſh'd with *Sea ſtores* for 50000 *l.* *Condition of thoſe in Harbour.*

III. And towards this, and the anſwering what extraordinary *Supplies* this *Fleet* (had not the War prov'd abortive, and the *Ships* with their *Stores* been thereby in the main ſoon brought in and laid up) might have had occaſion for, beyond its fore-mention'd ſix Months; *Stores in Magazine.*

a further *Reserve* remain'd untoucht in *Magazine*, to the value of *Threescore thousand pounds*.

Thirty Capital Ships in Building.

IV. Lastly, A *Force* additional to all this of Thirty *Capital Ships* was then actually in *Building*; Whereof Eleven newly *Launch'd*, and the Remainder (all of them) under an assiduous prosecution upon the *Stocks*. An Addition, rendering the *Whole* a Security not unequal (ordinary *Providence* concurring) to the publick *Ends* of it, in the maintenance of the *Peace* and *Honour* of the *Government* on *Shore*, and support of its ancient,

ancient, rightful, and envy'd *Title* to *Dominion* at *Sea*.

This was the *Posture* of the *Royal Navy* at the time of my *Removal* from it. Concerning which I shall take the liberty only to say, That though I am one, who could never think any room left for a *Subject*'s Supererogating in the honest *Service* of his *Prince*; yet cannot I but own so much content in the contemplation of that little *Part* I had born in the rendring it such, as may reasonably arise from the not being conscious of any one *Instance*

to

State of the Navy of England *in no time better.*

to be ſhewn me through the whole *Marine Hiſtory* of *England*, of a time wherein its *Navy* had been ever before recorded in a better.

May 1679, *Commiſſion of the Admiralty its Date and Duration.*

And ſo ſets out this *Commiſſion* in *May* 1679, continuing in its Execution five years.

During which, being my ſelf wholly ſequeſtred from that and all other *Publick Affairs*, Thoſe of the *Navy* became foreign to me; as having no other Notices concerning them, than what too often occurr'd in common converſation, touching the *effects* of *Inexperience*

experience daily diſcovering themſelves in their *Conduct*; and (what was no mean *Addition* to it) the unconcernment wherewith his then *Majeſty* was ſaid to ſuffer his being familiarly entertain'd on that Subject; while at the ſame time his tranſcendent *Maſtery* in all *Maritime Knowledge*, could not (upon the leaſt *Reflection*) but bring into his view, the ſerious *Reckoning* the ſame muſt ſoon or late end in, to his *Purſe* and *Government*. As at the five *years* end it prov'd to do.

Conduct thereof obſerved.

When (in *May* 1684.) being May 1684.

ing ſelf-convinc'd of the inexpediency of his longer continuing the *Navy* under that *Management*, He was pleas'd to come to a ſudden determination, of reſuming the Buſineſs of it into his *own Hands*, aſſiſted by his *Royal Brother* then come back, and by his Commands, (neither ſought-for, nor foreſeen, but brought me expreſly from *Windſor* by the Lord *Dartmouth*) to require my immediate Return to the *Poſt* I had formerly had the *Honour* of ſerving him at, therein.

Navy reſumed into the Kings own hands, aſſiſted by his R.H.

Mr. Pepys *recalled.*

Purſuant hereto, the late *Commiſſion*

miſſion being diſſolv'd, and His *Majeſty* taking to himſelf the Perſonal *Direction* of its *Work*; He judg'd it for his *Service* to begin with a freſh *Enquiry* into the *Condition* wherein his *Navy* was now return'd him, and found the *Reſult* of it this.

Admiralty Commmiſſion diſſolved.

A Review of the Navy as returned to the King, here ſtated.

I. *Four and Twenty* of his *Ships* (and no more) were then at *Sea*, and thoſe of the following *Rates* (not one above a fourth) employing but 3070 *Men*.

Ships at Sea.

Ab=

Abstract of the Fleet at Sea at the Close of the Commission of the Admiralty, May 1684.

		N°.	Men.
Rates	4th.	12	2120
	5	5	560
	6	5	325
Fire Ships		2	65
Total		24	3070

Condition of those in Harbour.

II. The *Remainder* of the *Navy* in *Harbour* so far out of *Repair*, as to have had the *Charge* of that alone (without *Sea-Stores*) estimated just before by the same *Surveyor* and *Board*, at no less than *One hundred and twenty thousand Pounds.*

III. And

III. And towards this, a *Magazine* of *Stores*, as lately reported from the ſame *Hands*, not to amount to *Five thouſand Pounds*. *Magazine.*

A *Magazine*, ſo unequal to the Occaſions of ſuch a *Navy*; that whereas *Peace* us'd evermore to be improv'd to the making up the *waſteful effects* of *War*. This appears (after the longeſt *Vacation* of a *Home-marine Peace*, from the *Reſtauration* of the *King* to this *Day*) to have brought the *Navy* into a *ſtate*, more deplorable in its *Ships*, and leſs relievable from its *Stores*, than can be ſhewn to have *That Magazine conſidered.*

have happen'd (either in the *One*, or the *Other*) at the *Close* of the moſt expenceful *War*, within all that time, or in *forty years* before.

Ill State of the 30 New Ships.

IV. *Eſpecially*, when in this its *General* ill plight, conſideration ſhall be had of that *Particular* therein, which relates to the *Thirty New Ships*. Not more ſurprizing for the *Fact*, (after the ſolemnity and ampleneſs of the *Proviſion* made for them by *Parliament*) than important for its *Conſequences*.

Import of thoſe Ships.

Foraſmuch as in theſe Ships reſted not only that, by which the preſent *Sea-ſtrength* of *England*

gland ſurmounted all it had ever before had to pretend to, and the utmoſt that its preſent *Woods* (at leaſt within any reaſonable *Reach* of its *Arſenals*) ſeem now able to ſupport with *Materials*, or its *Navigation* with *Men*; but that *Portion* alſo of the ſame, upon which alone may at this day be rightfully ſaid to reſt, the *virtue* of the *whole*, oppos'd to the no leſs conſiderable *Growths* in the *Naval ſtrengths* of *France* and *Holland*.

The greateſt part nevertheleſs of theſe *Thirty Ships* (without having ever yet lookt out

The illneſs of their State particularized.

of *Harbour*) were let to ſink into ſuch Diſtreſs, through *Decays* contracted in their *Buttocks*, *Quarters*, *Bows*, *Thick-ſtuff* without *Board*, and *Spir-kettings* upon their *Gun-decks* within; their *Buttock-Planks* ſome of them *ſtarted* from their *Tranſums*, *Tree-nails* burnt and rotted, and *Planks* thereby become ready to drop into the *Water*, as being (with their Neighbouring *Timbers*) in many places periſh'd to *powder*, to the rendring them unable with ſafety to admit of being *breem'd*, for fear of taking *Fire*; and their whole *ſides* more

diſ-

diſguis'd by *Shot-boards* nail'd, and *Plaiſters* of *Canvas* pitch'd thereon (for hiding their *Defects*, and keeping them above *Water*) than has been uſually ſeen upon the coming in of a *Fleet* after a *Battle*; that ſeveral of them had been newly reported by the *Navy-Board* it ſelf, to lye in danger of *ſinking* at their very *Moorings*.

Exceſſive Charge of theſe Ships unaccounted for.

And *this*, notwithſtanding above *Six hundred thouſand pounds* (not yet accounted for by the *Navy-Board*) ſpent in their *Building* and *Furniture*, with above *Threeſcore and ten thouſand pounds* more demanded for

compleating them, amounting together to 670000 *l*; and therein *exceeding*, not only the *Navy Officers* own *Eſtimates*, and their *Maſter-Ship-wrights Demands*, but even the *Charge* which ſome of them appear'd to have been actually *built for*, by above *One hundred* and *ſeventy thouſand pounds*.

The Fond for them well anſwered.

And notwithſtanding too, the flowing in of the *Monies* provided for them by *Parliament*, faſter (for the moſt part) than their *Occaſions* of employing it.

Proviſions for ſecuring an Account of theſe Ships, yet ineffectual.

In a word; notwithſtanding the *ſtrict Proviſion* made by *Parliament*, the repeated *Injunctions* of

of His *Majeſty*, the *Orders* of the then *Lord Treaſurer*, and amplenes of the *Helps* purpoſely allow'd (to the full of their own *Demands* and *Undertakings*) for ſecuring a ſatisfactory *Account* of the *Charge* and *Built* of the ſaid *Ships*.

5. *Laſtly*, While the *Navy* (under this five *years* uninterrupted *Peace*) was ſuffer'd to ſink into this calamitous eſtate, even to the rendring ſome of its *Number* wholly *irrepairable*, and reducing others (the moſt conſiderable in *Quality*) to a *Condition* of being with difficulty kept above *Water*; the *Navy* (as

400000 *l. per Annum paid the Navy all this while.*

His *Majeſty* was then aſſur'd by the *Lord Treaſurer*) had been all that while ſupply'd, (one year with another) with *Four hundred thouſand Pounds* per Ann.

Which being then the *Condition* of the *Navy*, and (as ſuch) not receptive of any ſenſible *Amendment* within the ſhort remainder of the *Life* of *King Charles*; his *Royal Brother* King *James* (upon his coming to the *Throne* in *February* following) was pleas'd to take among the firſt of his Cares this of the *Navy*, by an immediate application to the animating and enabling

Death of K. Charles, *Febr.* 1684.

K. James *falls immediately upon the redreſs of the Navy, by the Officers thereof.*

abling its *Officers* (with ſuitable Supplies of *Money*) to an induſtrious and effectual *beſtirring* themſelves towards the *redreſſing it.*

But with ſuch unſucceſsfulneſs (after a whole *year's* Proof of their *Performances*) as upon a freſh *View* of its *State*, taken in *January* $168\frac{5}{6}$, to diſcover it ſelf ſtill declin'd to a yet more deplorable degree of *Calamity*; as follows,

But after a years proof wholly unſucceſsful.

State of the Navy, January, 1685.

I. After the *Expence* in *Workmanſhip* and *Materials* of above *Ninety thouſand Pounds*, the *Navy-Officers* ſtill demand for

90000 *l. ſpent fruitleſly.*

the *Repairs* of the *Fleet* the very ſame *Sum* the *Works* had by themſelves been valu'd at, before a *Penny* of that *Ninety thouſand pounds* had been laid out.

Ships not Graved.

II. Not a *Quarter* of the *Ships* grav'd, which *themſelves* had propos'd the having done within that time, and been expreſly ſupply'd with the *Monies* demanded for it.

No Ships in preſent readineſs for Service upon an Exigence.

III. But one fourth *Rate*, and not ſo much as one *Fifth*, found (in the *Exigence* of the *Duke* of *Monmouth*'s *Invaſion*) in a condition of being got to *Sea*,

Sea, in leſs than two *Months*, but by robbing of the very *Harbour-Guard*.

IV. Several of the 30 *Ships* (reported near two years ſince in a condition of *ſinking*) not yet ſo much as gone in hand with, though *Money* expreſly ſupply'd for that uſe too by the Lord Treaſurer.

The 30. New Ships not yet gone in hand with,

Though Money ſupply'd.

V. Their *Stores* alſo of greateſt *value*, and calling for moſt time to provide (ſuch as *Cables*, *Sails*, &c.) ſo much wanting, either through *Decay*, or being (in neglect of the *Statute*) diverted to *other uſes*, as not to have any one of them furniſh'd for

Their Stores alſo wanting.

for the *Sea*, had they been otherwiſe in *Condition* for it.

The Time asked for fitting out Ships, more than doubled.

VI. *Twice* as much time now demanded for fitting out *forty two* Ships, as had a year and half ſince been ask'd for *fifty five.*

No Proviſion made of the moſt neceſſary Materials, though Money ſupply'd for that alſo.

VII. Not the leaſt *Proviſion* made of *Long Timber* or *Plank*, for anſwering the moſt preſſing and weighty works of the *Growing year*; though the greateſt Part of the *Money* demanded for that uſe alſo, had been actually *advanc'd*, and the *Reſidue* lay in a known readineſs to be ſo, as faſt as call'd for.

VIII.

VIII. *Three Years* ſtill inſiſted on for the *Repair* of the *Fleet*, while *five Months* only reſted unexpir'd of the time, within which (by former *Calculations* of their own) the *whole* was to have been *finiſh'd*. *Time lengthened beyond meaſure for repair of the Fleet.*

IX. *Laſtly*, After the utmoſt *proofs* of the *Procedures* of this *Board*, aſſiſted by *Money* to the height of their *Demands*, it ſeem'd manifeſt to *His Majeſty*, that the *Fleet's Decays* outgrew their *Cure*; and that ſhould no other *courſe* be found for the remedying it, than what was now *ſtirring* among *Notwithſtanding all Helps, the Fleets decays outgrow their Cure.*

Navy Officers Estimates of Repairs inconsistent.

mong the *Navy Officers* (whose *Estimates* of the very same *date* were found sometimes to differ not less than *double*, nay even *treble*, in the *Charge* of the *Repairs* of the very same *Ship*)

Nor any time to be depended on for the dispatch thereof.

no time could be assign'd, within which (if ever) their *Decays* (even as they then stood, without ought allow'd for their greatnings by *Delay*) could have their *Repairs* depended on.

Causes of these Evils what, and what not.

From Whence, and from the *King*'s being in an especial manner convinc'd, that no part of these *Evils* sprang from the want of *Money*, *Hands*, *Materials*,

rials or *Time*, but from other *Imperfections*, obvious enough, but uneaſie to be now rectify'd in the *Perſons* principally accountable for them; and conſidering likewiſe the neceſſity of having ſome inſtant and effectual *Remedy* provided, e're the *miſchiefs* attending this *Management* became (what *one years* delay more muſt, at leaſt as to the New Ships, have render'd them) inſuperable: He was pleas'd (in ſubſerviency to his own) to require my *Thoughts* touching the *Methods* moſt likely to compaſs his *Royal Aim* herein, and how far that (with

Some inſtant Remedy neceſſary.

(with the other ſtanding and indiſpenſable *Charges* of his *Navy* at *Sea* and in *Harbour*) might be together anſwer'd with 400000 *l. per Annum*; the Sum the then *Lord Treaſurer* firſt propoſed the way of providing, and the *King* his Readineſs to have ſet entirely apart for it.

To be (with the other neceſſary charges of the Navy) defrayed with 400000 l. per Ann.

Which accordingly I ſoon after preſented him with, in the *Terms* following.

To the *KING.*

Sir,

THough *the general and habitual* ſupineſs, waſtefulneſs *and* neglect *of* Order *univerſally ſpread through your whole* Navy, *with the* No-proviſion *yet made of Materials the moſt neceſſary and difficult to be found for this ſo great* Work; *adding thereto the impoſſibility of arriving at any perfect knowledge of the* weight *of that* work, *from the diſagreements daily diſcovered between the*

the Eſtimates *and real* Charge *of* Works *when perform'd; and laſtly, the heavy conſequences of any* Failure *that may happen in its Execution, ſeem to render any peremptory* undertaking *herein* (*from* me *at leaſt*) *very unſafe, if at all juſtifiable. Yet ſo much am I acquainted with the Power of* Induſtry *and* Good Husbandry, *joyn'd with* Knowledg *and* Methodical Application (*no two of which ſeem at this day ſtirring together in any Part of your* Naval Service) *that after weighing every Article of what I am by your* Majeſty's *Command now going to offer you, I am ſatisfy'd*

Tender of undertaking ought.

fy'd that your Majeſty *may reaſonably expect the ſervices mention'd in the following* Propoſition, *Viz.*

Propoſition.

Mr. Pepys's *Propoſition.*

That *with* 400000 l. per Annum, *ſupply'd by* 100000 *l. within each* Quarter, *and in a known and effectual* Order *of* Payments, *to be pre-adjuſted with the* Perſons, *who* (*being rightfully qualify'd for it*) *ſhall be intruſted by your* Majeſty, *with the* Management *thereof, and aſſiſted with your* Authority *in all matters conducing to the* Recovery *of the loſt* Diſci-

400000 *l. the Fond aſſign'd for it, with the conditions of the Propoſition.*

pline *and* Induſtry *of your* Navy; *the* Retrenchment *of all unneceſſary* Charges *and* Waſtes; *the encouraging and improving all means of* Good Husbandry *and reaſonable* ſavings; *and the due* Correction *of all* miſdoers *in any of the* Premiſſes; *your* Majeſty *may expect the* Effects *following*, Viz.

Ordinary charge and works of the Navy.

I. *The whole* ordinary charge *of your* Navy *on* Shore *and in* Harbour *to be fully defray'd, and therein the* Hulls *of your* Ships *duly kept in their* ordinary Repair, *grav'd* (*as by the* Rules *of the* Navy *they ought*

ought always to have been) by one Third *every* year, *and ſupply'd with* Ground Tackle *ſufficient for their ſafe* mooring; *and your* Offices *alſo and* dwelling Houſes, Store-Houſes, Wharfes, Cranes, *and* Keys *to be throughout put into, and kept in their* Ordinary repair.

II. The extraordinary Decays *under which the* Body *of your whole* Fleet in Harbour *now lies, to receive the full of their* Repair *alſo, to the utmoſt of what has been yet diſcover'd and deſcribed in the laſt and higheſt* Surveys *and* Eſtimates *preſented of them to your* Majeſty *Extraordinary Repairs deſcribed.*

by your Navy Officers, *amounting* (*with their* Stores) *to* 220000 *l.*; *and this* (*with the finiſhing the Three* New 4*th.* Rates) *to be compleated within the* year 1688.; *and ſo done, that your* Majeſty *and your* Lord Treaſurer *may* (*according to the ancient and rightful* Methods *of the* Navy) *be ſatisfy'd at the end of each* ſervice, *how the* Charge *thereof has concurr'd with, exceeded, or fallen ſhort of their* Eſtimates, *and the* Monies *ſav'd there-from be made good to your* Majeſty, *where too much*; *or the* ſervice *further pre-*

	l.
Repaires	132000
Sea Stores	88000
Tot	220000

Within what time, and how to be performed.

provided for by ſupplimental Eſtimates, *where the firſt has fail'd of anſwering the* real Charge.

III. *Theſe* Ships (*as faſt as repair'd and fitted in their* Hulls) *to be in like manner compleatly ſupply'd with ſix* Months Sea-Stores, *and thoſe ſeparately laid up and preſerv'd for uſe, whenever the Service of their reſpective* Ships *ſhall call for them.*

To be furniſhed with Sea-Stores.

IV. *The ſame Number of* Ships, *and of equal* Rates *with thoſe deſign'd by your* Majeſty *in your late* Declaration *for* 3000 *Men for the preſent* year, *to be maintain'd at* Sea *in their*

The preſent Declaration for Sea Service to be made good and more.

full Wages, Victuals, Wear *and* Tear, *for anſwering all your* Foreign Occaſions; *With this* Addition, *that for the advancing the* Honour *of your* Majeſty *and your* Government, *and the* maintenance *of your* Right *of* Sovereignty *in theſe* Seas, *beyond what appears to have been ever yet provided for it in time of* Peace; *your* Majeſty *may* (*inſtead of the three* ſmall Ships *deſign'd by that* Declaration *for your whole* Channel-Guard, *mann'd but with* 275 Men) *have a Squadron of ten* Ships, *conſiſting of one* 3d. *four* 4th. *three* 5th. *and two* 6th. *Rates,*

mann'd

mann'd with no leſs than 1310 Men, *beſides* Yachts.

V. Laſtly, *In conſideration of your* Majeſty's *preſent and growing* Want *of nimble and leſs chargeable* Frigats, *for anſwering the ordinary* Occaſions *of your* Service, *and which* (*through the general* Age *of your* Old *ones*) *you have already in ſome degree, and will indiſpenſably be yet more conſtrain'd to ſupply, by* Ships *of leſs* uſe *and greater* Charge; *you may alſo expect a* Recruit *of ſuch* Veſſels *ſupply'd you new off of the* Stocks, *by two in each* year.

The preſent want of ſmall Frigates to be ſupplied by two in each year.

A Supplemental Propoſition, *Relating to your* Ships *at* Sea.

The Ships at Sea to be repaired, and they and the whole Navy kept for ever ſo, or new-built, for 2 2s. per Man a Month Wear and Tear.

As to your Ships *at Sea, whoſe* Repairs *not being included in the precedent* Propoſition, *will nevertheleſs (through their long continuances abroad) require being lookt after, as faſt as your* Service *will admit of their being call'd home; your* Majeſty *may reaſonably depend upon having them alſo put into a full* Repair, *and ſupply'd with ſix Months* Sea-Stores, *and both them, and the whole* Fleet, *(when once in like manner* repair'd*) kept for ever ſo (or made good by*

by New *ones to be built in their* Rooms, *as they become* irrepairable) *without other* Charge *to your* Majeſty, *than what ariſes from the* Allowance *ordinarily made for* Wear *and* Tear *during their ſtays abroad, rated but at* 22 s. per Man *a* Month, *inſtead of the* 30 s. *at which it has ever hitherto been eſtimated, and never yet prov'd to have Coſt the* Crown *ſo little.*

Digeſted by the Command, and ſubmitted with all Humility to the Correction of Your Majeſty.

S. Pepys.

This

The Proposition approved.

This done, and the *King* with the Lord *Treasurer* upon several *Debates* approving it; His *Majesty* was pleas'd to determine upon an immediate putting the same in *Execution*, by suspending for a time the ordinary *Methods* of his *Navy*, and calling in to his Assistance some other *Hands*, upon whose *Experience* and *Industry* (in conjunction with a *select* Number of the present *Board*) he conceived he might with better security rely for the future success of his *Service*: *Contented* nevertheless (though from an

Present Methods of the Navy to be suspended, and new hands entertained.

an *Expectation* wholly unsuccessful) to continue the *Remainder* of them (freed of all other *Services*, than that of bringing up the *Accounts* of their own time, and more particularly of the *Thirty New Ships*) in the same full *Salary* during this *Suspension*, which they before enjoy'd, and was not now to be exceeded even to *Those*, on whom was to lie, the *Care* of *Recovering* in *Three* years, what under them had in the *miscarrying* cost the Crown *Five*.

The old Board nevertheless to be kept in full Salary.

Towards putting which in

The New Hands to be chosen by their Qualifications; and those Qualifications what.

in practice, the first step was the *Choice* of the *Hands* so to be entertain'd. Wherein (as in the former) His *Majesty* requiring the service of my *Place*, I could not think of a more proper *Method* of discharging my *Duty* in it, than by laying before him (for his better distinguishing who *were*, from who *were not* fit for his Use, on an Occasion so little able to bear with any mistake therein) the *Qualifications*, which (as far as they were attainable) I conceiv'd ought to be aim'd at, in preference to all other

Re-

Regards, in this *Election*. And theſe I accordingly with all ſubmiſſion tender'd him, in the Order and Terms following, *Viz.*

I. A Practic'd Knowledge *in every Part of the* Works *and* Methods *of your Navy, both at the* Board *and in your* Yards. *The not diſcerning of which (and the others that follow) appears to have coſt your* Royal Brother *and* You *within the foremention'd five years, above half a* Million. *Practiced Knowledge.*

II. A General *Maſtery in the buſineſs of* Accounts, *though more* *Accountantſhip.*

more particularly those incident to the Affairs of Your Navy.

Vigour III. *Vigour of* Mind, *joyn'd with approv'd* Industry, Zeal, *and* Personal *aptness for* Labour.

Closeness of Application. IV. *An entire* Resignation *of themselves and their whole time to this Your Service, without lyableness to* Avocation *from other* Business *or* Pleasure.

Credit for integrity and Loyalty. V. *Lastly, such* Credit *with your* Majesty *for* Integrity *and* Loyalty, *as may (with the former conditions) lead both Your* Self *and my Lord* Treasurer, *to an entire confidence of having all done that can be morally expected*

expected from them, in the Advancement *of your* Service, *and the Circumſpect and Orderly* Diſpenſing *and* Improving *of your* Treaſure.

Which *Limitations* His *Majeſty* having by a deliberate and diſtinct Application of them to the Nature, Importance, and multiplicity of the *ſervices* to be at the ſame time painfully and knowingly attended to in this Affair, he judg'd them of behoof to be obſerved; and after a moſt ſolicitous enquiry made, and Collection had of as many Perſons

The King's choice.

ſons (and all, God knows, but few) as the Navy of *England* could furniſh him with, qualify'd in any competent wiſe to anſwer the Characters beforemention'd, He was pleas'd to fix his choice upon

Sr. *Anthony Deane.*
Sr. *John Berry.*
Mr. *Hewer.*
Mr. *St. Michel.*

And this with ſo little privity on their part to ought of His

His *Majeſties* Proceedings herein; That could the *King* have ſatisfy'd himſelf in the fitneſs of any one other Perſon within his *Dominions* for ſupplying his Room, Sir *Anthony Dean* had prevail'd for his being excus'd. So inſtant, even to Offence (as the then Lord *Treaſurer* will, I perſwade my ſelf, eaſily remember) were his *Solicitations* to be ſo; as having (beſides his being now ſettled in a more beneficial *Courſe* of *N*egotiation) induſtriouſly flung up (in the Year 1680) the ſame *Charge* of a *Commiſſioner* of the *Navy*; from his early proſpect of its

Sir Ant. Dean's *endeavour to avoid it.*

The Kings final insisting on his Service.

falling into that *Condition*, in which His *Majesty* now found it, and out of which he was therefore pleas'd finally to insist upon Sir *Anthony Deane's* return to his *Assistance* in the rescuing it.

And his inducement to the Choice of him.

Nor was the *King* led to this singularity of Opinion in favour of Sir *Anthony Deane*, from any less inducement, than what arose from a deliberate perusal of a Memorial I had on that Occasion prepar'd for him, containing a List of every Person then occurring to me (whether in or out of his *Service*) of more than

than common reckoning among the *Profeſſors* and *Practicers* of *Shipwrightry* within this Kingdom. Which Memorial I here ſubjoyn, as evidencing more than enough the *reaſonableneſs* (or rather *neceſſity*) of this his *Majeſty's* Choice, in the bare application of the forementiond conditions (reſpectively) to the Perſons nam'd therein.

March

March 9. 168$\frac{7}{6}$

A Memorial *for the* King *towards the* Choice *of a Perſon (qualify'd as a* Ship-wright*) to ſupply the want of* Sir Anthony Deane, *in the* Commiſſion *now prepared for the* Navy; *the ſame ſeeming Reducible, To ſuch as are in the Service, either of*

The King, *as his*

A Liſt of the moſt eminent preſent Ship-wrights of England.

	Places.	Perſons.
Commiſſioners at the	*Navy Board*	S. *J. Tippets*
		S. *Phin. Pett*
		Maſter

	Places.	Perſons.
Maſter Ship-wrights at	*Chatham*	Mr. *Lee*
	Portſmouth	Mr. *Betts*
	Deptford	Mr. *J. Shiſh*
	Woolwich	Mr. *Lawrence*
	Sheerneſs	Mr. *Furzer*
Maſter Ship-wrights Aſſiſtants at	*Chatham*	Mr. *Dummer* Mr. *Pett*
	Portſmouth	Mr. *Stiggand*
	Deptford	Mr. *Harding*

Or the Merchants, as

Private Builders at	*Blackwal*	Sir *H. Johnſon* Mr. *Collins*
	Deptford	Mr. *R. Caſtle*
	Redr. Ratcl. &c. in the *Thames.*	Mr. *Graves* Mr. *Jon. Shiſh* Mr. *Barham* Mr. *Narbrow*

By the King's Command,

S. PEPYS.

And

The general Scheme of the Proviſion now made of Hands, for the ſervice of the Navy.

And ſo the *Proviſion* made by His *Majeſty* for conducting the *whole* of his *Growing* ſervices, and adjuſting the *Accounts* of thoſe *paſt*, was concerted out of the *Old*, aſſiſted by *New Members*, under the following *Diſtribution*, Viz.

The

	The whole of the Commission.	For the Growing Services. At the Board.	For the Growing Services. At the Yards.	For adjusting the past Accounts.
Old	L. *Falkeland*	L. *Falkeland*		L. *Falkeland*
Old	S. *J. Tippets*			S. *J. Tippets*
Old	S. *R. Haddock*			S. *R. Haddock*
Old	S. *P. Pett*		S. *P. Pett* at *Chatham*	
Old	S. *J. Narbrough*	S. *J. Narbrough*		
Old	Mr. *Southerne*			Mr. *Southerne*
Old	S. *R. Beach*		S. *R. Beach* at *Portsmouth*	
Old	S. *J. Godwin*	S. *J. Godwin*		
New	S. *Ant. Deane*	S. *A. Dean*		
New	S. *J. Berry*	S. *J. Berry*		
New	Mr. *Hewer*	Mr. *Hewer.*		
New	Mr. S. *Michael*		Mr. St. *Michel* at *Dept.* & *Woolw.*	

The Lord *Falkeland* remaining *Treasurer* for the Whole.

The Kings Commission pursuant thereto. April 17. 1686.

Pursuant to this *Scheme*, the *King* by his *Letters Patents* of the 17*th.* of *April* 1686. after declaring that the *Enquiries* he had made since his coming to the *Throne* into the *State* of his *Royal Navy*, had discover'd it such, as call'd for some extraordinary *Application* for the putting it into that *Condition* of *Force* and *Discipline*, whereto his *Royal* Purpose was to restore and advance it; and that the weight and diversity of *Works* to be now perform'd, with greater *Vigour* and *Good-Husbandry* than he found to have

The Workes of the Navy to be better look'd after.

have been for ~~ſometime~~ *ſome time* exercis'd therein, requir'd a *Diſtribution* of them anſwerable to the different *Qualifications* of the *Perſons* he had to intruſt with them; conſtituted theſe *Gentlemen* his *Commiſſioners*, charg'd with the *Duties* aſſign'd to each in the foregoing *Table*, and the *Inſtructions* annext to their *Commiſſion*. Among which, to thoſe intruſted with the *growing ſervices*, this was one, *Viz.*

That foraſmuch as from the preſent Diſorders *under which the whole buſineſs of the* Office *of his* Navy *was fallen, through the* liberty *for ſome time taken*

Theſe Commiſſioners made equally accountable for the whole.

of

of committing the moſt important Parts of it to Clerks *and inferiour* Inſtruments, *in lieu of the* Officers *themſelves perſonally charg'd therewith, He had (anſwerable to what was ſucceſsfully done by His Royal* Grand-father, *King* James, *on a like Occaſion) thought it neceſſary to put the ſame into* Commiſſion, *until the ancient* Order *and* Diſcipline *of it being recover'd, he might with ſafety reſtore it to its former* Method *of* Inſtitution; *He declares His Royal* Intention *and* Expectation *to be, that theſe his* Commiſſioners *hold themſelves* jointly

ly accountable *for the well performance of the* whole, *and ſtand* equally *chargeable with the* Failures *found therein.*

And ſo they enter'd upon the *Execution* of this *Commiſſion*, as from *Lady-Day* 1686; directing their firſt ſtep to the finding out the true Source of this *ſo unexampled Evil* they were now to contend with, in the moſt tender Part of their Charge, namely, the *New Ships.* Than which as nothing could be more deſerving their niceſt ſearch, with regard to the publick import of the ſubject

The Commiſſion to operate from Lady Day. 1686.

Enquiry into the true Cauſe of the New Ships decays.

ſubject of it. So neither could any thing be of more particular moment to them, whom the King had thus intruſted with the *Cure*, than an explicite Knowledge of the *Origine* of the *Diſeaſe*.

Taking therefore this for the proper place of doing it, I here inſert a ſhort Account of the iſſue of thoſe *enquiries* of theſe Gentlemen thereinto; and the rather, for the ſake of the *unaccountableneſs* of their *Suggeſtions*, who would have it wholly imputable to the *Haſtineſs* of the *Building*, the *Greenneſs* of the *Stuff*, and eſpecial *Effects* of the

Vulgar ſuggeſtions touching the ſame.

the *East-Country-Timber* and *Plank* wrought thereon.

To the two former of which, it was made appear to His *Majesty*, that the *Ship* the *quickest* built of the whole number lay full *nine* months upon the Stocks, and but *seven* of the thirty less than an entire *Year*. Whereas diverse Instances were produc'd out of his *Old Navy*, where the *Timber* had been standing, cut, and converted, and the *Ships* built therewith, and launched in *six months*; without having one *Plank* shifted in them (but for

Hastiness in Building and Greenness of Stuff, not chargeable therewith.

for *Shot*) in *Eight* or *Nine Years* after. While on the contrary, *three* and *twenty* of theſe *Thirty* lay from *one* to full *two*, *three*, and *four Years* in building, and the laſt of them more than *five*; till above *one hundred pounds* was demanded by her *Builder* for repairing the Decays of her very *Keel*, as ſhe lay upon the *Stocks*.

Nor the uſe of Eaſt-Country-Stuff.

And for what concerns the Uſe of *Eaſt-Country-Stuff*; it was no leſs alſo ſhewn to the *King*, that ſeveral *Ships* were then ſubſiſting in his *Navy*, planked with no other, which after the ſame Service of *eight* or *nine* years

Years, were by many degrees in better *Condition*, than moſt of theſe at *three*.

It was moreover obſerv'd, that not above *Five* hundred of *Five* and *Thirty Thouſand* Loads of *Timber*, provided for theſe *S*hips, were of *Eaſt-Country-Growth*. *Forreign Timber little.*

And that for *Plank*; had the *Officers* of the *Navy* (after twenty years currant uſe of it) met with any preſent Ground for ſuſpecting it, there had been *Engliſh* enough (and of proper *Thickneſſes*) contracted and paid for by the *King*, for anſwering all the Occaſions of their *Forreign Plank, not wanting, in this particular caſe.*

But-

Buttocks and *Hoodings* from the *Water's Edge* to their *Gun-deck-Ports* (where this *Evil* was obſerv'd principally to ſeize them) without reſorting to the uſe of one Inch of *Eaſt-Country*.

Their Materials, (as well Forreign as Domeſtick,) well reported of by the Maſter-Builders.

The *Maſter-Builders* too, unanimouſly aſſerted the good Condition of all the *Timber* and *Plank* (whether *Engliſh* or *Forreign*) us'd on this Work, equal to the beſt they had ever known in the *Navy*: Beſides the univerſality of the Practice of all the *Northern Nations*, and not them only, but the *Dutch*, *French*, and (for ſeveral years paſt

Univerſal Practice in approval of Eaſt-Country-Stuff.

paſt) our *own Merchant Build-ers* too, in the uſe of this *Com-modity*. Nor (in a word) did any one Ship appear, among the whole *Thirty*, more com-plaining, than ſome of them, upon which not one Foot of *Eaſtland-Plank* or *Timber* had been wrought.

No Ships worſe, than ſome that had none of that Commodity in them.

All which notwithſtanding; ſuch did theſe *Gentlemen* e-ſteem the Weight of this *Cauſe*, with reſpect no leſs to the *fa-tality* on one hand attending the uſe of this *Commodity* upon theſe Ships, in caſe the ſame ſhould be found truely *faulty*; than on the other, to the con-

Importance of a right de-termination in this mat-ter.

quences of the *Miſtake*, ſhould it indeed prove otherwiſe, at a ſeaſon, wherein the *ſervice* of it was become next to indiſpenſable, for the preſent Repair of the *Fleet*; That their *Commiſſion* was no ſooner opened, but a ſolemn *Conference* was held by them with all the Eminent *Maſter Builders* in the River of *Thames*, upon this *Subject*. The *Iſſue* of which having been preſented to the *King*, he was pleas'd to make it ſo much a matter of *State*, as to command my bringing it ſome time after to the *Council-Table*. Of whoſe *Reſolution* there-

A ſolemn Conference with the moſt eminent Mr. Shipwrights of England *about it.*

thereon, and the reſult of the foregoing *Conference*, I have ſubjoyn'd Copies, as of a *Matter* moſt worthy the Notice of every *Engliſh Gentleman*, tho more particularly thoſe, who are converſant in the *Timber-Trade* of this Kingdom.

RESOLUTIONS,

Taken at a Conference *held at the* Office *of the* Navy, *April.* 17. 1686. *between His* Majesty's Commissioners *there, and us the under-written* Shipwrights, *upon* Enquiries *then propos'd by the* Secretary *of the* Admiralty *on behalf of His* Majesty, *touching the present* Condition *of this* Kingdom, *in refe-*

reference to Plank *for* Ship-Building.

Enquiry I.

How far it may be depended on, that England *may at this day ſupply it ſelf with a ſufficiency of that* Commodity, *for anſwering the Occaſions both of the* Merchants *and His* Majeſty's *ſervice (in the State the* Royal Navy *thereof now is) without* Foreign *Help?*

Reſolution.

That it is in no wiſe to be rely'd

Plank not ſufficient of Engliſh growth to anſwer all the preſent occaſions for the ſame.

rely'd on. Foraſmuch as from the want of *Plank* of our *own Growth*, and conſequently the highneſs of *Price* of what we have; the *Shipwrights* of this Kingdom (even in our *Out-Ports*, as well as in the River of *Thames*) have been for many years paſt, driven to reſort to ſupplys *from Aboard*, and are ſo at this day, to the Occaſioning their ſpending of *One Hundred* Loads of *Forreign*, for every *Twenty* of *Engliſh*. Beſides, were our *own* Stock more; the excluſion of *Forreign* Goods would ſoon render the Charge of Building *inſupportable*,

ble, by raiſing the *Price* of the Commodity to double what it is, and more, at the pleaſure of the *Seller*.

Enquiry. II.

From whence is the beſt Forreign Plank *underſtood to be brought?*

Reſolution.

Either out of the *Eaſt-Sea* from *Dantzick*, *Quinborow*, or *Riga* of the Growth of *Poland* and *Pruſſia*, or from *Hambrough*, namely, that ſort there-

Beſt forreign Plank from whence.

of, which is Shipt from thence of the Growth of *Bohemia*, diſtinguiſhed by its Colour, as being much more black than the other, and rendred ſo (as is ſaid) by its long ſobbing in the water, during its Paſſage thither.

Enquiry III.

What Proportion *this* Forrein Plank *may be reckoned to bear to the* Engliſh, *with regard to its* Uſe, Coſt, *and* Durableneſs?

Reſo-

Reſolution.

For ſo much as concerns *ſmaller Veſſels* of Fourſcore Tuns downwards (whoſe works call not for more than 2 Inch Plank, of 20 Foot long at the higheſt, meeting at 13 and 14 Inches in breadth) our *Engliſh* Plank will (from the Nature of the Wood) laſt longer than any *Forreign* of the ſame Dimenſions. But for *Ships* of 300 *Tuns* upwards, which require the ſervice of 3 and 4 Inch-Plank from 26 to 40 Foot long, meeting at 14

The Uſe, Coſt, and Durableneſs of forreign Plank compared with Engliſh.

or

or 15 Inches breadth at the Top-end; *Universal* practice shews, that the *White* Crown-*Plank* of *Prussia*, and the forementioned *Black* of *Bohemia*, do in their durableness equal or rather exceed that of Our *English* Production of like Dimensions.

Conjecture at the Physical reason of the different durableness of forreign and English Plank of the larger Dimensions.

Which we conceive to arise from this plain Reason, *viz.* That the *Forreign* Oak being of much quicker growth than ours, their Trees arrive at a Stature capable of yielding *Plank* of these *Measures*, while they are yet in their sound and vigorous *State* of growing; where

whereas that of *England* advancing in its Growth more ſlowly, arrives not at theſe Dimenſions, till it be come to or rather is paſt the full of its *Strength*; fifty *Years* ſufficing for raiſing the *Forreign*, to what the *Engliſh* will not be brought in an hundred and fifty.

But whether we are right or not in this Reaſoning, it is upon daily experience moſt evident; that our *Eaſt-India*, and other *Ships* of greateſt *Burthen*, built with this large *Forreign* Plank, well choſen, prove in their *Durableneſs* without exception; variety of Inſtances lying

lying before us, of *Ships* built wholy with *Engliſh* ſtuff, (as well in His *Majeſties* Yards as *Merchants*) which have periſh'd in half the time, others of like Burthen, compos'd wholly of *Forreign*, have been obſerv'd to do.

From hence alſo it is, that though *Engliſh Plank* of *Short* Lengths, cut out of young *Growing* Timber, is manifeſtly better than *Eaſt-Country*, and therefore is preferred thereto in laying of a *Gun-Deck*, as far as the three ſtreaks next the Ships ſides, where ſhort ſtuff will ſerve (the *Quality* of its

Wood

Wood bearing better with being kept *Wet* and *Dry*, as it generally is in that place) Yet where (upon the ſame *Gun-deck*) *long Plank* is neceſſary, that of *Forreign* growth is for Strength and duration always preferr'd, from the reaſon (as we conceive) before given, namely, of its being cut while in its *Vigour*, which the *Engliſh* will not admit, ſo as to bear thoſe *Scantlings*.

General wanineſs, want of Breadth at the Top end, and ill Converſion of Engliſh Plank.

And to this is to be further added, the general *Wanineſs*, want of *Breadth* at the *Top-end*, and ill method of *Converſion* of our *Engliſh* Plank; daily

ly practice ſhewing, that twenty Loads of *Forreign* ſhall in working go further upon a Ships ſide or Deck, than a hundred *Loads* of like Lengths of *Engliſh*, after its *Wanes* and other *Defects* ſhall be cut away.

Encreaſe of Work and Charge ariſing there from.

Moreover it is yet to be noted, that in planking of a Ship with *Forreign* Plank, the Builder ſhall not be driven to put in above three or four *Pieces*, where in a like *Ship* done with *Engliſh*, he ſhall be obliged to uſe a hundred; to the no leſs impairment of the *ſtrength* of the Work, than increaſe of its

its *Charge*, both in Stuff and Labour.

So that upon the whole, our unanimous *Opinion* is; that large *Plank*, well choſen, of the *Forreign* growths beforemention'd, is in its ſervice at leaſt as *durable*, in its coſt leſs *Chargeable*, and the uſe of it (through the ſcarcity of *Engliſh*) become at this day *indiſpenſable*. *The Sum of the Shipwrights Opinions herein.*

Jonas Shiſh. *Hen. Johnſon.*
Pet. Norberry. *Abra. Greaves.*
Joſ. Lawrence. *John Shiſh.*
Ja. Teames. *Wil. Collins.*
Rob. Caſtel.

By

By the Commiſſioners *of the* NAVY.

Concurrence of the Commiſſioners of the Navy.

We do fully concur in the *Reſolutions* above-written.

A. Deane.
J. Narbrough.
J. Berry.
Ph. Pet.
Wil. Hewer.
B. S. Michel.

Preſentation thereof to the King and from him to the Council-Board.

MEMORANDUM, That theſe *Reſolutions* from the Body of the *Maſter Builders* of *England*, confirm'd

confirm'd by the *Commiſſioners* of the *Navy*, to my Enquiries touching *Foreign* Plank, were Communicated by me to His *Majeſty* (my Lord *Treaſurer* preſent) *October* the *7th.* and by His ſpecial Command preſented to Him again (with a Memorial attending it) at the *Council Table*, Oct. *8th.* 1686.

S. PEPYS.

At the Court *at* Whitehall
Oct. 8. 1686.

PRESENT

The *Kings* moſt Excellent *Majeſty.*

His R. H. Pr. *George* of *Denmark*, &c.

Order of Council in approval and confirmation of the foregoing Report.

A Paper *having been this day (by his* Majeſties *command) preſented to the* Board *by Mr.* Pepys *Secretary of the* Admiralty *of* England,

England, *containing certain* Reſolutions *taken at a* Conference *held at the Office of the Navy the* 17. *of* April *laſt, between his* Majeſties Commiſſioners *there, and the Body of the moſt eminent* Ship-Builders *of this Kingdom, upon* Enquiries *propoſed to them by the ſaid* Secretary *on behalf and by direction of his* Majeſty, *touching the preſent condition of* England *in reference to* Plank *for Ship-buil-*

ding, and the ſaid Paper *being now read and ſolemnly conſider'd; His* Majeſty *was pleaſed to declare his being ſo far convinc'd there-from of the* ſafety, benefit, *and preſent* neceſſity *of making uſe of* Plank *of* Foreign *growth in the Building and Repairing of His* Royal Navy, *as to reſolve; That the* Principal Officers *and* Commiſſioners *of his* Navy *be at liberty to contract for and make uſe in his Services aforeſaid*

of

of Oaken Plank *of* Foreign *growth, of the Sorts mentio-n'd in the* Reſolution *to the Second Enquiry contain'd in the ſaid* Paper; *and to Order, that the ſaid* Original Paper *under the Hands of the* Commiſſioners *of the* Navy *and* Maſter Builders, *be* (*for the* publick Importance *thereof*) *carefully laid up and preſerv'd among the Papers and Records of the* Council-Table.

John Nicholas.

The true Grounds of the New-Ships Decays.

The present *Effects* of which last *Papers* and the *Observations* next preceding, amounting to nothing less than a plain *Detection* of the *Vanity* of those *suggestions* touching the Root of this *Calamity*; Nought remain'd whereon the same could with any appearance of *Consequence* be charg'd, save the plain *Omission* of the necessary and ordinary *Cautions* us'd for the preserving of *New-built Ships*. Divers of them appearing not to have been once *Grav'd* nor brought into *Dock*, since they were Laun-

Want of Graving & bringing into Dock.

Launched. Others that had been *Dockt*, ſent out again in a *Condition* needing to be brought-in a ſecond time. Their *Holds* not clean'd nor air'd, but (for want of *Gratings* and opening their *Hatches* and *Scuttles*) ſuffer'd to heat and moulder, till I have with my own Hands gather'd *Toad-ſtools* growing in the moſt conſiderable of them, as big as my *Fiſts*. Some not once *heel'd* or *breem'd* ſince their building, but expos'd in hot weather to the *Sun*, broiling in their *Buttocks* and elſewhere, for want of cooling with *Water*

Holds not clean'd nor ayr'd.

Gratings wanting.

Hatches and Scuttles not opened.

Not heel'd or breemed.

Expoſed to the Sun, with their Sides unwatered.

ter (according to the Practice of our own, as well as all *Forreign* Nations) and that *Expoſure* yet magnifi'd, by their want of *Ballaſt* for bringing them deep enough into the *Water*. *Port-Ropes* alſo wanting wherewith to open the *Ports*, for airing them in *Dry* weather; and *Scuppers* upon their *Gun-decks* in *Wet*, to prevent the ſinking of *Rain* through their ſhrunken *Seams* into their *Holds* and among their *Timbers*. *Planks* not open'd upon the firſt Diſcovery of their *Decays*, nor *Pieces* put in, where defective; but in-

Not Ballaſted enough to deepen them in the Water

Ports not opened in dry weather.

Scuppers wanting on the Gun-decks, in wet.

Planks not opened upon the firſt diſcovery of their Decays, nor thoſe Decays duely looked to.

inſtead thereof, repair'd only with *Caps* of *Boards* and *Canvas*. Which ought alſo to have been done upon the *Ordinary Eſtimate* of the *Navy*, that provides for every thing needful to the *Preſervation* of Ships in *Harbour*, but more eſpecially for the Graving one *Third* of the whole every *Year*; whereas ſome (even of the *Old Ships*) appear not to have been ſo look'd after, in five or ſix.

From which, and other like *Omiſſions*, it could not but fall out (as indeed it did) that ſome of theſe unfortunate *Ships* were already become rotten, while o-

The effect of theſe Omiſſions obſerv'd.

thers

thers built of the very *ſame Stuff*, at the *ſame Place*, by the *ſame Hand*, and within the very *ſame Time* for *Merchant-ſervice*; ſucceeded well and continu'd ſo.

The Entry and procedure of ~~procedure of~~ theſe Commiſſioners.

And with the *Navy* thus diſorder'd, theſe *Gentlemen* (as I have ſaid) enter'd upon their *Commiſſion*. And with what Spirit and under what View they proceeded thereon, will be beſt Collected from their own *Annual Reports* thereof to the *King*, conſonant (through the whole) to the few following Paragraphs, *viz.*

Au-

August 1687.

We tender in all humility to Your Majesty *our humble* Representation *of the* Effects *of that* Commission, *to which you were pleas'd to call us; and which we have endeavour'd to performe with a sincerity and plainness, answerable (as far as we are able) to the extraordinariness of that Favour, wherewith (without our* expectation) *we were called thereto*———

With Sincerity and plainness.

Called by the King without their expectation.

Whereas among other the Works of your Navy, *that of* Graving *and well performing the* Ordinary

Graving and ordinary Repairs.

ry *Repairs of your Ships in* Harbour, *holds a principal Place. As that, to the want of which, a great (if not the greateſt) ſhare of the* Calamity *whereinto they (and particulary the* Thirty New Ones*) have been ſuffer'd to fall, is moſt rightfully to be imputed; and has therefore the firſt place giv~~ing~~en it by your* Majeſty *in this* propoſition. *We have moſt diligently apply'd our ſelves to an effectual anſwering every* part *thereof (both as to* Works *and* payments*) as far at leaſt as the* Defects *of the ſaid Ships, ſo long in* Arrear, *could within this*

The Decays long in arrear.

this time be diſcover'd and purſu'd———

When it ſhall be conſider'd, how deeply *the Ships were infected with that* evil, *by which they were (even in their* Thickeſt ſtuff) *become* rotten *and reduc'd to* powder. *It ſeems a matter of too great preſumption (without wholly ſtripping them) to* undertake *againſt any poſſible* remains *or* returns *of the ſaid* evil. *But this we take Liberty to ſay*———

And their infection too deep, for any undertaking of their cure without wholly ſtriping them.

And however more or leſs ſucceſsful our Managements *may be found*

Good Husbandry herein aſſerted.

found to be in the well husbanding of your Treaſure *herein; We are not conſcious of being able to mend it, were we to Act the ſame over again, and the* Gain *or* Loſs *ariſing therefrom to affect our* own Purſes, *as they now do Your* Majeſty's.

Falkeland. J. Godwin.
A Deane. Ph. Pett.
J. Narbrough. W. Hewer.
J. Berry. B. St. Michel.

August 1688.

Though we need no greater Aſſurance, *than what Your* Majeſty *has already on every Occaſion given us, of Your Gracious Opinion of our Humble* Endeavours *in this Your Service. Yet cannot we forbear obſerving to Your Majeſty, that the* Effects *thereof might have prov'd greater (though our* Induſtry *could not) had not the State of Your* Ships *prov'd much worſe, and by conſequence the* Work *and* Charge *of them weightier, than they were Eſtimated in the Surveys*

The effects of their Service greater, had not the Works prov'd worſe than eſtimated.

veys and Calculations, upon which that Propoſition *was founded, and the Execution of it committed to us; beſides the difficulties we have had to contend with, from* Obſtructions *and* Hardſhips *induſtriouſly put upon us (both from* Sea *and* Shore*) by thoſe to whom our Methods of* Good Husbandry *and* Diſpatch *proved leſs grateful, than the* Laxeneſs *in both, to which they had for ſome time been accuſtom'd—*

Obſtructions induſtriouſly offered them and whence.

As to the complete Performance *of theſe* Works, *as far as Matters of this kind can be judg'd of, and in a Caſe ſo extraordinary*

The well performance of the Works.

ry as that of the State *whereinto Your Royal* Navy *was fallen at the time of your calling us to the remedying it; We have not only our own* Obſervations, *and the ampleneſs of thoſe our* Orders *by which the ſaid* Works *were directed to be performed; but the* Reports *of your* Maſter-Builders *charg'd with the conducting them, confirm'd by your* Commiſſioners *of the* Yards *where they were ſeverally perform'd. Beyond which we cannot conceive any thing capable of being added towards the ſatisfying either Your* Majeſty, *or our ſelves therein. And though we do not believe ſo*

Evidenced by their own Obſervations.

The ampleneſs of their Orders.

The Reports of the Mr. Builders, and Yard-Commiſſioners.

much to have been ever before ſhewn in the Caſe of a like Fleet. *Yet, regard being had to what* Experience *dayly informs us, of the* Defects *diſcover'd upon ranſacking of their* Seams *by the* Caulkers, *we dare not miſlead your* Majeſty *to think, that (after ſo general and deep a* Decay, *as this* Fleet *was fallen into, before any fitting Application was made for its* Remedy) *all the Care that has been taken in the ſhifting of its* Timbers *and* Plank (*as far as any Defects have appear'd*) *can upon freſh* Ranſacking, *ſecure your* Majeſty *againſt the appearance of further*

And yet not to be relyed on againſt the poſſible Returns or Remains of this Evil.

ther Remains, *till the firſt Materials about the* Breadths *and adjacent* Parts (*eſpecially of the* New Ships) *ſhall by degrees be entirely remov'd*———

It reſts to give Your Majeſty the Names *of your Ships under preſent* Repair, *and thoſe remaining to be repair'd when they ſhall be finiſh'd for compleating your whole* Navy, *according to Mr.* Pepys's *Propoſition, Viz.*

The Ships yet to be finiſhed for compleating the Propoſition.

Ships under Repair.		Remaining to be Repair'd.	
Ships	Yard.	Ships,	Yard.
St. *Michael* *Roy. Katherine* *Brittannia*	*Chath.*	*Prince* *Victory* *Royal Oak*	*Chath.*
St. *George* *Monck*	*Portſm.*	*King Fiſher*	*Deptf.*
Happy Return *Oxford*	*Woolw.*		
Portland *Phœnix*	*Deptf.*		

Falkeland. Ph. Pett.
A Deane. W. Booth.
J. Berry. W. Hewer.
B. S. Michel.

This

This while in doing, towards the Amendment of matters on *Shore*, and the *State* of the *Ships* in *Harbour*; no leſs thoughtfulneſs was at work for the *Recovery* of good *Diſcipline* and *Reformation* of *Diſorders* at *Sea*. And this purſu'd, to the drawing a no inconſiderable *Encreaſe* of ſtanding *Charge* upon the *Crown*, the more ſurely to effect his Majeſties deſires herein, with the *ſatisfaction* of his *Commanders* and other his *Officers* and *Seamen* intereſted in the ſame. The evidencing of which will

Diſcipline to to be recovered and Diſorders reformed at Sea.

And not without charge to the Crown, for the better ſatisfaction of Commanders, &c.

not need more than one of ſundry inſtances to be produc'd of it, namely, that of the *Eſtabliſhment* in *July* 1686. (of near *Date* with the foregoing *Commiſſion*) the Tenor whereof follows.

Inſtanced in the Eſtabliſhment about Captains Tables, Forreign Prizes, &c.

His Majeſties Regulation in the buſineſs of Plate-Carriage, &c. *with his Eſtabliſhment of an Allowance to his* Sea-Commanders *for their* Tables *and other* Encouragments *to them, their Officers, and Companies.*

James R.

'WHereas from the *Enquiries* by us ſolemnly made

'made (ſince our acceſſion to
'the *Throne* of this our King-
'dom of *England*) into the
'~~the~~ *State* of our *Royal Navy*,
'and the general *Diſorders* in-
'to which both it and its *Diſ-*
'*cipline* have of late years fal-
'len, we are (among the ma-
'ny other *Evils* diſcovered
'therein, and which we have
'already in great meaſure pro-
'vided *Remedies* to) arrived at
'a full Information in that
'particular one, whereto our
'Service is in a moſt eſpecial
'manner expoſed, from the
'liberty taken by *Commanders*
'of our *Ships* (upon all op-

Diſorders in the Navy enquired into, by the King.

'portunities of private profit)
'of converting the Service of
'our ſaid Ships to their own
'uſe, and the total neglect
'of the *Publick Ends* for which
'they, at our great Charge,
'are ſet forth and maintained,
'namely, the annoying of our
'*Enemies*, the protecting the
'Eſtates of our *Trading-Sub-*
'*jects*, and the ſupport of our
'honour with *Forreign Princes*.
'And foraſmuch alſo as this
'*Evil* ſeems principally to a-
'riſe from the univerſal abuſe
'of the liberty for ſome time
'indulged to Our ſaid *Com-*
'*manders*, of Tranſporting of

Particularly the diverting the publick ſervice of his Ships to private uſes.

Ariſing from the abuſed liberty of carrying Plate, &c.

Plate

'*Plate*, *Bullion* and *Jewels*; to 'the occaſioning thereby the 'ſaid General miſ-employment 'of our *Ships*, and our want 'of thoſe full and frequent '*Accounts* of the *Proceedings* of 'our Commanders abroad' 'which by their known *Inſtru-* '*ctions* they ſtand obliged to 'give us. Our *Will* and *plea-* '*ſure* is, and it is hereby ſo- 'lemnly declared.

I. That no *Admiral*, *Com-* 'mander in Chief, *Captain* of 'any of our *Ships*, or other '*Officers* ſerving us therein, 'ſhall preſume from henceſor- 'ward upon any pretence, or by

Plate carriage, &c. *reſtrained.*

'by vertue of any former Al-
'lowance, Inſtruction, or Pra-
'ctice whatſoever, to receive,
'direct, or permit to be recei-
'ved, on board any of our
'ſaid Ships, any *Mony*, *Plate*,
'*Bullion*, *Jewels*, or other *Mer-*
'*chandize* or *Goods* (fine or
'groſs) whatſoever, whether
'belonging to Strangers or
'our own Subjects, either un-
'der pretext of concealing or
'protecting the ſame, or the
'Tranſporting thereof from
'Port to Port, or from any For-
'reign Port for *England*, whe-
'ther upon *Application* to them
'made by any our *Merchant-*

Sub-

'*Subjects* in Forreign parts, or
'from any other inducement
'whatſoever, ſaving by Writ-
'ten Warrant under our own
'*Royal* hand, and that only;
'upon pain of being (on con-
'viction) immediately diſ-
'charged from their preſent,
'and rendred incapable of a-
'ny future Employment in
'our Service; as alſo of refun-
'ding to the uſe of our *maimed*
'Seamen of the *Cheſt* at *Cha-*
'*tham*, the full value of the
'profits they ſhall be found to
'have made by any violation
'of this our Order, and of
'ſuffering ſuch further puniſh-
ment,

'ment, as by the *Laws* of the
'*Sea*, they ſhall become liable
'to for the ſame.

II. That none of our afore-
'ſaid *General Officers* or private
'*Commanders* ſhall, (upon like
'forfeiture and penalties) pre-
'ſume to carry, or direct the
'the carrying any *Paſſenger* or
'*Paſſengers* (whether ſtrangers
'or others) of what Degree
'or Quality ſoever, from one
'place to another, in any of
'our *Ships* of *War* under their
'Command, unleſs by like
'particular Order given in
'Writing from our ſelf for
'their ſo doing; ſuch only
excepted

The like as to carrying of Paſſengers.

'excepted, as by the Eleventh 'Article of our preſent Gene- 'ral *Inſtructions* they are ob- 'liged to receive and give paſ- 'ſage to; namely, our *Subjects* 'redeemed from *Slavery*, *Ship-* '*wreckt*, or taken at Sea out of '*Forreign* Ships.

With Exceptions.

III. 'That all *Admirals* and '*Commanders in Chief* of Our 'Ships do for the time to come 'take care, that as often as 'they ſhall have occaſion 'of giving *Orders* for the pro- 'ceeding of any of Our '*Ships* under their Command 'on any Service, the ſame be 'done in Writing under their 'hands

Copies of all Sailing Orders iſſued or received at Sea to be tranſmitted to the Secretary of the Admiralty.

'hands, with *Copies* thereof to 'be ſent by the firſt opportu- 'nities of conveyance (by Land 'and Sea) to the *Secretary* of 'our *Admiralty* for our infor- 'mation. And that the ſame 'be in like manner done by 'the *Commanders* of every of 'our *private* Ships, in Tranſ- 'mitting to our ſaid *Secre- 'tary* for our like Informa- 'tion, *Copies* of every *Or- 'der* they ſhall receive from 'their Admiral, Commander 'in chief, or other Superiour 'Officer.

'IV. That every of our 'fore-mentioned *Officers* and

Com-

'*Commanders* reſpectively, do obſerve, that as often as our Service requires their going into any *Forreign Port*, they do by the firſt *Poſt* after their arrival, (and ſo from *Poſt* to *Poſt* during their ſtay there) give us (through the hand of our ſaid *Secretary*) a particular Account of their *Proceedings*, from the date of their laſt, with *Abſtracts* of their *Journals* during that time; and that care be taken for their leaving the like with our *Conſul* or other publick *Miniſter* in that Place, to be by him forwarded to our ſaid

The like as to Advices of the Kings Ships coming into forreign Ports, and Abſtracts of their Journals.

'ſaid *Secretary*, by the firſt 'Conveyance after their de- 'parture thence; ſo as we 'may at all times have a con- 'ſtant and thorough know- 'ledge of the *Condition*, *Servi- 'ces*, and *Proceedings* of all and 'every of our *Ships* employed 'on Forreign Service, with the 'occaſions of the ſame.

The like at the end of the Voyage, as to their Journals, and Entry-Books of Orders.

'Laſtly, That at the end of 'each Voyage, an entire *Book* 'containing a perfect *Journal* 'thereof, together with a *Book* 'of *Entries* to be kept of all *Or- 'ders*, either iſſued or received '(as before) by them therein, 'be delivered for our uſe to 'our

'our ſaid *Secretary* of the *Ad-*
'*miralty* (and ſworn to if re-
'quired) by every of our ſaid
'*Admirals*, *Commanders* in
'*Chief*, and private *Comman-*
'*ders*, immediately upon their
'coming into Port to be
'laid up, and before the pay-
'ing off of the Ships whereto
'they reſpectively belong.
'Both which *Books* our ſaid *Se-*
'*cretary* is to cauſe to be well
'examined by himſelf, or ſuch
'other Perſon as ſhall be ex-
'preſly appointed thereto, in
'order to a *Report* to be there-
'from made to us, of the dif-
'ferent Degrees of *care* or *ne-*

'*glect* wherewith theſe and all 'other our *Orders* ſhall appear 'to have been obſerved, and 'our receiving full ſatisfaction 'from them therein, before 'the payment of their *Wages*, 'or the further *Allowance* here-'after appointed in conſidera-'tion of their good Service 'during their ſaid *Voyage*.

Univerſal Obſervation of theſe Rules injoyn'd.

'Of all which as well every 'our ſaid *Admirals*, *Comman-*'*ders* in *Chief*, private *Comman-*'*ders* of our *Ships*, and other 'the Officers within mentio-'ned, as our preſent *Secretary* 'of our *Admiralty*, and the '*Secretary* of our *Admiralty* for the

'the time being, are hereby 'required to yield full and 'conſtant obedience and con-'formity, as they will anſwer 'the contrary at their perils.

'And to the end, that with 'the Proviſion thus made to-'wards the recovery and ad-'vancement of the *Honour*, '*Diſcipline*, and *Proſperity* of 'our *Naval-Service*, We may 'at the ſame time Teſtifie our 'like *Royal* Inclination to the 'giving all reaſonable *Encou-'ragement* to thoſe, who ſhall 'from henceforward be em-'ployed as *Commanders* in any

And encouraged by the Eſtabliſhment of an extraordinary allowance to Commanders for ſupport of their Tables.

'of our *Ships*; thereby as well
'to excite and oblige them to
'a ſtrict complyance with
'theſe and all other our *Royal*
'Reſolutions and Orders, as
'the better to enable them to
'ſupport the *Charge* and *Dig-*
'*nity* of their ſaid *Employments*
'and *Entertainment* therein,
'without reſorting to *Methods*
'of doing it ſo injurious to
'our *Honour* and *Service*, and
'waſteful of our *Treaſure*, as
'thoſe before-mentioned have
'been.

We are in the firſt place
'graciouſly pleaſed (in fa-
'vour to our ſaid *Commanders*)

to

'to take upon our ſelf an
'encreaſe of *Charge*, beyond
'what has ever hitherto been
'at any one time done by any
'of our *Royal* Predeceſſors,
'namely, by granting (as we
'hereby do) to the *Commanders*
'of every of our *Ships* and
'*Veſſels* (*Yachts* only excepted)
'an annual *Allowance* (over
'and above the value of the
'*Victualling* they now enjoy in
'common with their Ship's
'Companies) for the ſupport
'of their *Tables*, proportioned
'to the reſpective Rates of the
'Ships and Veſſels they ſhall
'happen ſeverally to Com-

This Allowance to begin, when.

'mand. The ſaid *Allowance* to 'commence upon thoſe of 'our Ships which are now 'fitting forth, and ſhall at 'any time hereafter be fit-'ted forth to the *Seas*, from 'the Date and Delivery 'of their Commanders and 'Signing Officers joynt *Certi-'ficates* to the *Secretary* of our '*Admiralty*, and *Commiſſioners* 'of our Navy, of their Ships 'being compleatly fitted for 'the Sea, and in readineſs to 'Execute our final Orders for 'their Sailing. And upon ſuch 'of our *Ships* as are at this 'preſent abroad; from the day

of

'of their Commanders recei-
'ing from our ſaid *Secretary*
'(which he is with all con-
'venient ſpeed to diſpatch to
'them) Copies of this our
'Order; and to be continu-
'ed both on the one and the
'other to the Determination
'of their reſpective *Voyages*.

'The value of which al-
'lowance hereby ſo granted
'is as follows.

The value of that allowance.

A Table of the Annual Allowance of a Sea-Commander of each Rate.

Rate	Present Wages.			Present Victualling.			Additional Grant for his Table.		
	£	s.	d.	£	s.	d.	£	s.	d.
1	273	15	0	12	3	4	250	0	0
2	219	00	0	12	3	4	200	0	0
3	182	00	0	12	3	4	166	5	0
4	136	10	0	12	3	4	124	5	0
5	109	10	0	12	3	4	100	0	0
6	91	00	0	12	3	4	83	0	0

Without lessening the allowance already established to Fags.

'Wherein our *Royal Intention* is, that this *allowance* 'for *Tables* granted to our said 'Commanders as Captains of Private

'Private Ships, ſhall not be 'conſtrued to the taking away 'or diminiſhing ought of what 'has been heretofore Eſtabliſh-'ed to *Flag-Officers*, upon Ac-'count of their *Flags*.

'And that we may yet the 'more effectually excite to a 'vigorous proſecution of our '*Service*, ſuch of our ſaid *Com-'manders* as ſhall be by us 'employed in our Wars with 'any of the people of *Bar-'bary*, (ſuch as that wherein 'we now are, and have, to the 'great Expence of our *Trea-'ſure* and hazard to our *Sub-'jects* Trading into thoſe Seas, for

A further Grant, to them, their Officers, and Companies, of the whole value of the Prizes taken from the People of Barbary.

'for ſeveral years been enga-
'ged with thoſe of *Sally*) we
'are graciouſly pleas'd farther
'to grant to ſuch our *Comman-*
'*ders*, the full benefit of all
'Prizes, (both *Hulls*, *Furniture*,
'*Lading* and *Slaves*) that ſhall
'be by them taken, whether
'of *Ships* of *War*, or *Merchant*
'*Men*; ſaving only the Veſſels
'of our *Subjects* happening to
'have fallen into the hands of
'ſuch our *Enemies*. In which
'caſe, the *Salvage* only of the
'Veſſels of our Subjects ſo reſ-
'cued, ſhall go to the *Retakers*.

'The whole of which fore-
'mentioned *Prizes* and *Salvage*
ſhall

'ſhall be divided between the 'Commander or Commanders, of 'ſuch our Ship or Ships (with 'their *Officers* and *Companies*) as 'were concerned in the Chaſe 'and *Capture* of the ſaid Pri-'zes, according to the *Law* 'and *practice* of the *Sea.*

'Provided always, that no 'part of the *Charge* of ſecuring 'or maintaining any of the 'Veſſels, Lading, or Companies 'of the ſaid *Prizes*, ſhall be 'placed to our Account, from 'the day wherein the ſame 'ſhall be firſt brought into a-'ny *Chriſtian* Port; and that 'the ſaid *Prizes* be carried into Port,

Conditions of this Allowance.

'Port, with as little Charge 'as may be to us, and without any interruption to the 'ſervice wherein our ſaid Ships 'were imployed at the time 'of the *Capture*.

Strictneſs of Diſcipline inculcated, with promiſe of yet more particular marks of the Kings bounty upon any ſignal inſtances of their merits in his Service.

'Laſtly, we are hereby graciouſly pleaſed further to declare to all our ſaid *Admirals*, '*Commanders* in *chief*, and private *Commanders*, that as our '*Royal* Expectation will from henceforward be, to have a 'ſtrict *Account* given us of their careful applying themſelves 'to the Execution and Obſervance of theſe and all other 'our *Orders*, with intention of ex-

'expreſſing our ſevereſt *Diſ-*
'*pleaſure* againſt ſuch of them
'(*whoever they be*) as ſhall
'be found in any wiſe negli-
'gent or unfaithful in the
'ſame. So are we no leſs gra-
'ciouſly determined at the
'*End* of their reſpective *Voy-*
'*ages*, to Teſtifie by ſome eſ-
'pecial Inſtance of our *Boun-*
'*ty* (beyond what is hereby
'already ſo *Extraordinarily*
'provided for them) our
'particular Regard to whoe-
'ver of our ſaid *Commanders*
'ſhall appear to have meri-
'ted the ſame from us, by
'any ſignal Inſtances of their

In-

'*Induſtry, Courage, Conduct* or '*Frugality* evidenced therein 'on our behalf. Given at our 'Court at *Windſor* this 15*th.* 'day of *July* 1686.

By his Majeſties Command.

S PEPYS.

Return to the Ships.

Which Act having been here obſerv'd, out of the *Reſpect* no leſs due to the *Care* at the ſame time taken for the *Re-eſtabliſhment* of good *Governance* upon his Majeſties Ships *abroad*,

broad, than the *Repair* and *Preſervation* of thoſe in *Port*; the Order of theſe *Notes* calls for my Return to the Works in doing upon the latter, and my obſerving thereon, as follows, *Viz.*

The Kings ſatisfaction in the works done thereon.

That the *ſatisfaction* his Majeſty was pleas'd to conceive from the forementioned *Progreſs* of theſe *Works*, confirm'd by his own frequent *Viſits*, and *Perſonal Inſpections* thereinto at the *Yards*, was ſuch, as mov'd him (*ſix Months* within the time allow'd for it by the *Propoſition*) to think them ſo far advanc'd, as not to

From his perſonal Viſits to the Yards, &c.

to need his any longer continuing the *Suſpenſion* he had for their ſakes laid (as before) upon the *Ordinary Methods* of his Navy. And therefore by his great Seal of the 12*th.* of *Octob.* 1688. (after having declar'd his Gracious *Acceptance* and *Approval* of the Services of theſe his *Commiſſioners*, in the full Execution of the *Propoſition*, and their having brought all matters intruſted to them, into ſuch a *Method*, as that his *Officers* might now perform them, more to his *Service*; than formerly they could) He was pleas'd to determine the

Octob. 12. 1688. *The Execution of the Commiſſion approved and confirmed.*

the *Commiſſion*, and recal his ſaid *Officers* to their ancient *Duties*, according to the known *Inſtructions* already in force, and the *Improvements* made therein by theſe *Gentlemen*; inculcating to them his former Directions for the finiſhing of their *Accounts*. Among which was in particular that of the *Thirty New Ships*, whereof (but for the *Revolution* immediately following in the *State*) a ſtrict *Account* had been ſoon call'd for, and inſiſted on by the *King*; as being now (from the through knowledge ſince attained concern-

He determines the Commiſſion and recals the Old Officers.

Reminding them of their Old Accounts.

ing them) in a condition of being regularly and effectually controll'd.

Effects of this Commission.

And ſo expir'd this *Commiſſion*; and with what *Effects*, in reference to that diverſity of *Services* for which it was Calculated, and (above all) that one of the general Redemption of the *Fleet* of *England* from Ruin, will be beſt underſtood, by looking back to the *State* thereof juſt before its opening in *January* $168\frac{5}{6}$, compar'd with what it was left in at this its *Determination* in *October* 1688.

In the ſtate it then left the Navy in.

Which

Which latter follows, *Viz.*

I. The *Fleet* then at *Sea* had (from its ordinary *Summer-Guard*) been rais'd in leſs than two Months (upon intelligence of the ſurpriſing Preparations then on foot in *Holland*) to no leſs than *ſixty ſeven* of the *King's* own *Ships* of *War*, and *Fire-Ships* (beſides *Tenders*, *Yachts*, and other ſmall Imbarcations) of the Rates following.

Fleet at Sea, Oct. 1688. raiſed upon ſhort warning.

Abstract *of the* Fleet *at* Sea *at the close of the* Commission *of the Navy*, October 1688.

Man'd with above 12000 Men.

		N°.	*Men.*
Rates	3 *d.*	12	4715
	4	28	6318
	5	2	220
	6	5	370
Fire-Ships		20	680
Total		67	12303

II. All

II. All but *Three* of the whole remaining *Number* (contain'd in the *Propoſition*) entirely repair'd, or actually under Repair; with a ſurpluſage of *ſix Months* Time, and a ſufficiency of *Mony* and *Materials* reſting in *Bank* and *Magazine* for compleating that *Remainder.* *Ships in Harbour how repair'd.*

III. The *well-performance* of which Works (both for *Extent* and *Subſtantialneſs*) had for its firſt *Evidence*, the *Sum* expended thereon, to more by two Thirds than the higheſt Value the *Surveyor* *Works how perform'd,* *Shewn by the exceſs of Charge expended thereon.*

veyor of the Navy, and his *Fellow-Officers* had Eſtimated, and the *Propoſition* (grounded on thoſe *Eſtimates*) Calculated the ſame at; divers of them (to above *Thirty*) having been entirely *Rebuilt*, and ſome taken up *Hundreds*, others *Thouſands* of Pounds in their *Refitting*; that had but few Months before (without ever going out of *Harbour*) been repreſented by the ſaid *Officers* to have received from them a *full Repair*.

To which *Proof*, ariſing from the *Extraordinarineſs* of the

the *Sum* ſpent upon them, ſucceeds that other *Ordinary* one of the *Reports* of the *Maſter Builders* and their *Aſſiſtants*, employ'd in the Direction, and immediate Superviſure thereof. The Names of whom follow.

And by the Reports of the Kings Maſter Builders and Aſſiſtants.

A List of all his *Majesties* Master *Shipwrights* and their *Assistants* serving him in his several *Yards* between *April* 1686. and *October* 1688.

*Wherein Note † signifies Dead and * Preferred.*

Yards.	Mr. Shipwrights.	Assistants.
Chath.	Mr. *Robert Lee*	* *Dan. Furzer* *Edw. Dummer* *Phineas Pett*
Portſ.	Mr. *Iſaac Betts.*	*Wm. Stiggant*
Dept.	† *Mr. John Shiſh* Mr. *Fiſh. Harding*	* *Fiſh. Harding* *Zach. Medbury*
Woolw.	† *Mr. Tho. Shiſh* Mr. *Joſ. Lawrence*	
Sheern.	* *Mr. J. Lawrence* *Mr. Dan. Furzer*	

Perſons

Persons, who (besides their having long before the *Date* of this *Commission*, or any occasion fore-seen for it, been from the Credit of their *Abilities* advanc'd to these Charges in the time of *K. Charles*) had not only been all of them employ'd by the *Navy-Officers* themselves in taking the very *Surveys* upon which the *Estimates* of the Fleet's Decays were Calculated, and thereby rendred themselves the most concern'd to justifie the same by suitable Performances thereof, both as to Charge and efficacy;

Advanc'd for their abilities under K. Charles.

And employ'd Originally in surveying the Fleets Decays, and now in their Repairs.

efficacy; but the Persons upon whose *Testimonies*, and theirs only, in right and virtue of their *Places*, under the *Inspection* of the *Surveyor* of the Navy and *Commissioners* of the Yards (among whom in particular he at *Chatham* was at this time, for the importance of the Works there, one of the first Form of the *Master Builders* of *England*) the Crown always *has*, now *does*, and *for ever must* depend for its security in this *Matter*; as being (in a word) the Persons, who by the *Practice* of the *Navy* stand *alone charg'd with*,

Whereof being the only possible judges, they alone by Duty and Practice stand accountable for them.

with, by their *Perſonal* ſervices can *alone* be *knowing Judges of*, and by the ſtanding *Obligations* of their *Places* do therefore *alone* reſt *accountable*, and (as ſuch) are only to be reſorted to by the Crown for its ſatisfaction, in this *Particular*.

IV. Not only the ſix requir'd by the *Propoſition*, but a compleat *Proportion* of eight Months *Sea-Stores* were actually provided and left by theſe *Gentlemen* in *Magazine* (each within its Diſtinct and proper *Repoſitory*) for every Ship ſo repaired; with the like in Materials

Every repaired Ship furniſh'd with 8 Months Sea Stores.

terials and Mony for the whole *Remainder*, as fast as finish'd.

The uncertain Measures thereof adjusted, ascertain'd, and enlarg'd.

And not only so; but in consideration of the different and uncertain *Measures* by which *Boatswains* and *Carpenters* of *Ships* had been heretofore supply'd (sometimes too sparingly with regard to the Kings Service, other whiles too largely with respect to his Purse) they made it their Work (upon best Information) to digest and see confirm'd by his *Majesty*, one uniform *Establishment* of *Sea-Stores* for an Officer of each Rate; and that

that ſo ample a one, as to be thought ſufficient for anſwering (upon occaſion) a yet longer *Expence* than what it was ſtrictly Calculated for. So as (to give it in *their own* Terms to the *King*) *We hope your Majeſty will from henceforward hear no more of the many Evils attending the former Practice. Eſpecially*; *if the* Good Husbandry *of Your* Commanders *ſhall bear any Proportion to that Mark of* Bounty, *which by your Late* Eſtabliſhment *you have been pleas'd to grant for their* Encouragement *thereto.*

Benefit thereof to the King.

Commanders doing their part.

And

Beſides which Sea-ſtores to each Ship, a general Magazine left, valued together at near 400000 l.

And yet to this ſo inlarged a Proportion of *Stores* ſet apart for every particular Ship (and amounting, with them at Sea, to above two hundred and fourſcore Thouſand pounds) they ſtill added (beyond all *Example*) and left entirely in *Magazine*, ſuch a further *Reſerve* for anſwering the general Service of the *Navy*, as amounted in eight only *Species* thereof, to above *one hundred thouſand pounds* more; *Commodities* all of greateſt importance and leaſt to be depended-upon from the *Market*, as

as being (ſave one) all of *Foreign* Growth, *viz.*

Hemp.	*Canvas.*
Pitch.	*Iron.*
Tar.	*Oyle.*
Roſin.	*Wood.*

V. And for the ſafer keeping and more orderly diſpoſing of this laſt-mentioned *Treaſure*, by preventing the Waſtes, Corruption, Imbezlements, and other the manifold miſchiefs attending the want of proper and ſufficient *Store-Room*, occaſion'd by the

Store-Room much wanting in the Navy.

the conſtant *Growth* of the *Naval* Action of *England*, without ſuitable inlargements to its other *Accommodations*; More new *Magazines* have (both as to *Dimenſions*, *Contents*, and *Charge*) been erected within the two years and a half of this *Commiſſion*, than had ever been before, by all the *Kings* of *England* put together.

Supply'd by new Erections beyond all it ever had before.

VI. Nor are the foremention'd *Advances* in theſe works leſs owing to the *induſtry* ſucceſsfully exerciſed in the improvement of our *Docks*, than in that of the *Magazines*, by bettering the *Old*, and finiſhing

A ſuitable improvement of the Docks, and not leſs wanting.

ing the *New*; to the raiſing them to the *State* they are now left in, Superiour to all that the *Navy* of *England* ever before knew. And yet not more then its preſent Occaſions call'd for, as not having permitted any one of them to lye unimploy'd two *Tides* together (while in condition for it) within the whole time.

7. *Four* and *Twenty* of *Seven* and *Twenty* of his Majeſty's *Ships* and *Veſſels*, come in from *Sea* during this *Commiſſion*, and therefore (as being then abroad) not provided for in the *Propoſition*, have been alſo

Ships come home, repair'd and ſtored though not of the Propoſition.

fully *repair'd*, or left actually under *Repair*, furniſh'd with like proportion of *Sea-Stores* (as before) without a Penny ſupply'd out of the Exchequer towards it.

And this within the Rate in the Propoſition of 22 s. *for Wear and Tear.*

And in the doing this, that moſt important (and till now unheard-of) *Article* at the Cloſe of the *Propoſition*, relating to the future maintenance of his *Majeſties Fleets* at *Sea* in their whole *Wear* and *Tear*, at *no higher* charge than that of 22 *s. per* Man a Month, has been alſo made good; and, in that *ſingle* performance, a Foundation laid

of

of ſaving to the Crown for ever, not only the whole *firſt Coſt* of whatever Ships it ſhall have occaſion of building in lieu of others become *irrepairable*; but twenty ſix *per Cent* in the Charge of all ſucceeding Repairs and Expence in their Stores and Furniture.

Saving for ever the whole firſt Coſt of New-building, and 26 per Cent *in all ſucceeding Charges upon the Bodies of the Ships.*

8. Every other Head of the *Propoſition* ſtrictly comply'd with, the Building of two ſmall *Frigats* only excepted, which by expreſs Command of the *King* were reſpited (and the Value of them therefore left uncall'd-for out of the *Treaſury*) till the weightier Works of his

Nothing undone of the Propoſition, but two of the ſmall Frigats reſpited by Order.

great *Ships* would allow *Room* and *Leaſure* for their being built in his own Yards.

Not a Penny of Debt unſatisfy'd, where the Party was at hand qualify'd to receive it.

IX. Not a *Penny* left unpaid to any *Officer*, *Seaman*, *Workman*, *Artificer* or *Merchant*, for any *Service* done in, or *Commodity* deliver'd to the uſe of the *Navy*, either at Sea or on Shore, within the whole time of this *Commiſſion*, where the *Party* claiming the ſame was in the way to receive it, and had (if an *Accountant*) done his part, as ſuch, towards the entitling himſelf to Payment.

Even in which Caſe too, a ſufficiency of *Caſh* was left in

Bank

Bank upon the Fond of this *Commiſſion*, for clearing that *Debt*, as faſt as by the Coming in of *Ships*, and adjuſtment of *Accounts*, the ſame could be brought into a *Capacity* and *Right* of being paid.

10. Laſtly, The whole of this *Propoſition* was thus made good, and therewith the *Navy* of *England* redeem'd from periſhing, at a *Charge* not only not exceeding the 400000 *l. per Ann.* allotted for it by the *King*, and conſequently not more than what the *Navy* appear'd (as before) to have been ſupply'd-with all

The Propoſition perfected, and Navy redeemed, at what Charge.

the time of its being ſo abandon'd to *Ruine*, but even for leſs than 310000 l. *per Annum*; as the ſame ſtands verify'd by the *Accounts* thereof in the *Regiſtry* of the *Navy*, and thoſe Accounts (both as to Truth and Perſpicuity) ſo digeſted, juſtify'd, and (after the Cloſe of each year) preſented to the *King* and his *Treaſurers*, anſwering in every reſpect the Scope of the *Propoſition*, by diſtinct Reckonings exhibited therein of every *Species* and parcel of *Goods* bought and ſpent, *Artificer* and *Workman* employ'd, *Pen-*

Verify'd by the Accounts thereof.

ny

ny laid out, and *Service* perform'd (with the Difference or Agreement in the Charge of every ſuch *Service* with its proper *Eſtimate*) as does not appear to have ever before been ſeen in the *Navy* of *England*, but (through the ſingle *Induſtry* and peculiar *Conduct* of Mr. *Hewer*) is now remaining there, to ſhew *Poſterity*, that there is nothing in the *Nature*, *Bulk*, or *Diverſity* of Matters incident to the buſineſs of a *Navy* (even under the circumſtances of *this*) to juſtifie the ſo-long-admitted Pretence of an *Irre-*

ducibleneſs of its *Accounts*, to a degree of *Order* and *Self-Evidence* equal to the moſt ſtrict of any private Merchant.

General State of the Account upon this Propoſition, &c.

The general *State* of which *Accounts* in the Caſe of the preſent *Propoſition*, and the *Works* attending it (as the ſame ariſes from the *ſubordinate Accounts* relative thereto) follows.

A Ge-

Propoſition, not chargeable upon the 400000. l, *viz.*

The Value of *Ware*, and *Tear* of 24 Ships and Veſſels repair'd, equipp'd, and furniſh'd with *Sea-ſtores*, computed but at 22 *s. per* Man a Month, according to the *ſupplemental Article* in the *Propoſition* relating to *Ships* at *Sea* upon the 25*th.* of *March* 1686. that ſhould come in during this *Commiſſion*. —— 766cc

To ſo much upon

Extraordinary Works and *Services* done by *Order*, neither provided for, nor mention'd in the *Propoſition*, ſuch as (among others) the *Erecting* the ſeveral *Store-houſes*, and other *New ſtructures* in the *Yards*; the Magazines of *Stores*, provided for the *General ſervice* of the Navy, over and above the 8 Months *Sea ſtores* ſet apart for each *Ship*; and the *Exceſs* of Charge in *Victuals* and otherwiſe upon the *Ships* ſet out for the Lord *Dartmouth*'s Fleet in *Auguſt* and *September* 1688, above the 4000 *Men* provided for in the *Propoſition*, &c. —— 178905:01:07

From *Total* —— 1394775:13:07

Take the Credit-ſide-- 1087205:04:03

Exchequer remains ***Debtor*** to the *Navy* upon this *Account*, over and above the 121292 *l. per Contra*. —— 307570:09:04

To be placed Page 152.

By

5*th.* Articles of the *Propoſition* for

Prince	4329.	8138.
Victory	2841.	
Royal-Oake	968.	

The *Value* of the *Hulls* of two of the ſmall *Frigats* forborn to be built by the ſpecial Command of His *Majeſty*, —— 6000.

More *paid* to the *Treaſurer* of the *Navy* in part of the 178905:1:7. *per Contra*. —— 66167:4:3

More *chargeable* on the ſaid *Treaſurer* for the Proceed of ſeveral *Ships* and *Veſſels ſold* as decay'd and unſerviceable; with other *extraordinary ſums* in further part of the 178905:1:7 *per Contra*, — 12000:0:0

78167:4:3.

So much left *unpay'd* by the *Commiſſion* at the *Determination* thereof (with its Value left in the *Exchequer* upon the *Fond* of the *Propoſition* for defraying the ſame,) —— *Viz.*

		l.	
Upon *Wages* to the	*Ships* at Sea ——	104132.	121292:0:0.
	Yards ——	8500.	
	Bills for *Stores*, *Workmanſhip*, &c. unadjuſted —	8660.	

Total —— 1087205:4:3.

A General STATE *of* ACCOUNT, *Relating to the* 400000. l. per Ann. *payable out of the* Exchequer *to the Treasurer of the* NAVY, *for answering Mr.* Pepys's PROPOSITION; *As also to other* Monies *receiv'd*, Works *done, and* Payments *made Extraordinary in the* NAVY, *under the Late* Commission *began* March 25. 1686. *and Determined* October 12. 1688. *being two Years, Six Months and two Weeks ; according to* Particulars *verifying the same.*

The Exchequer *to the* Navy *is* — *Dr.*

		£.	s.	d.
The *Proposition* of 400000 l. *per Ann.*, assign'd for the particular *Works* and *Services* especially nam'd therein		1015384	12	00
Extraordinary Works and *Services* perform'd in pursuance of special *Articles* in the said *Proposition*, not chargeable upon the	The *Excess* of Charge in the *Repairs* of Ships and Vessels beyond the *Estimates* thereof made by the *Officers* of the *Navy*, according to the 2*d.* Article of the said *Proposition.* £. 82870.			
	The like *Excess* (according to the 2*d.* and 3*d* Articles of the same) in the Charge of *Rigging*, and Boatswains and Carpenters *Sea stores* beyond their *Estimate.* 41016.	200486	00	00
	The Value of *Ware*, and *Tear* of 24 Ships and			

Per Contrà — *Cr.*

		£.	s.	d.
Payd to the *Treasurer* of the *Navy* in part of the 1015384. 12. 00. *per Contra*		849670	0	0.
Credit to be given this *Account*, according to the 2*d.* 3*d.* and 5*th.* Articles of the *Proposition*	So much *less* expended in the *Repair* of several Ships, than they were *Estimated* at £. 17385.			
	The *Value* of the *Estimates* wholly unexpended upon Ships judged *irrepairable* 6553.			
	The *Value* of the *Estimates* of three Ships remaining still to be *repaired*, viz.			
	Prince £. 4329.			
	Victory 2841.	8138.		
		38076	0	0.

Gener
of the
count
this P
on, &

Which *State* of *Accounts* being (as it ought) admitted, in right to its *Vouchers* now reſting (as from the very *Cloſe* of this *Commiſſion* they have done) in the *hands* of the ſo often-mentioned *Officers* of the *Navy*, who (after what has been here ſaid) cannot but be eſteem'd in *Honour* the moſt concern'd, as well as by *Duty* the moſt oblig'd, to ſee the ſame fully *controll'd*; theſe (among other *Particulars* no leſs conſiderable) offer themſelves to Obſervation, *viz.*

The Officers of the Navy poſſeſſed of the Vouchers of this Account, and moſt concerned to ſee it controlled.

Obſervables from this Account.

1. That the 307000 *l.* the *Ballance*

307000 l. ſaved upon the Propoſition.

Ballance of this *Account*, is the *Product* of these Gentlemens *Management*; as being so much saved of what might unexceptionably have been expended by them, out of the 400000 *l. Fond* assigned to the use of this *Proposition.*

Fruits of this Saving.

2. That among the several other immediate and important *Fruits* of this *Saveing*, this is one; namely, the obtaining such an Enlargement of *Magazines*, and the amassing therein such a *Treasure* of *Stores*, as *England* was never before *Mistress* of, nor could now have had its *Navy* longer supported without.

3. *Lastly*,

3. *Laſtly*, That this and all the above-mentioned *Advantages* have been effected at no other *Coſt*, than the bare *Wages* of the few His *Majeſty* was pleas'd to call to this his Service, ariſing together to little more than 6000 *l.* While (had the *Work* been tranſacted by *Contract*) the *whole* of that 307000 *l.* *Ballance* muſt inconteſtably have been the *Reward* of the *Undertakers*; and the *Bargain* nevertheleſs not reckon'd any unthrifty one to the *Publick*, when it ſhould be conſider'd, that the Execution of this *Propoſition* (with the many *Benefits*

Charge of this Management compared with the laſt.

fits attending it) within leſs than *three* years, would (even with that *Sum* included) have barely amounted to One *Million*; while *five* entire years were loſt, and the *Navy* all that time left under little leſs than a total *Deſertion*, at the Expence (as before) of full Two. And of that alſo (without offence be it obſerv'd) near *Five* and *thirty thouſand Pounds* taken up in *Wages* only, to a *Commiſſion* of the *Admiralty*, during that very Management; While this appears exempt of the *Charge* of any ſuch *Commiſſion*, or ought elſe extraordinary to the value

lue of a *Shilling*, beyond the Simple *Wages* of a worn unaſſiſted SECRETARY.

And yet with ſuch *Effect* too; that from the *Condition* the *Navy* was (by its own Officers) reported in, at His *Majeſty's* Reſuming it in 1684, when the *Groſs* of its *Ships* were wholly out of *Repair*, and the beſt of them ready to *ſink* in *Harbour*, with little appearance of its having by this time had any one of them in a *State* of *Service*; it has the preſent *Reputation* (1690) of having *actually* at *Sea* of its own *Ships* of *War* and

And the different Effects thereof.

and *Fire-ſhips* (excluſive of *Merchant-men* and *Forreigners*) a *Force* equal at leaſt, or rather ſuperiour, to the moſt *powerful* it ever at any one time had, in the moſt *active* year of a *Hollands-War*. And (which is more) the *Reſidue* (as to their *Hulls* and *Stores*) in a ready *State* of following them, if (as I am not to doubt) the ſame *wholeſom Methods* have been ſince exercis'd towards them, with thoſe they were brought-by into the *Condition* this *Commiſſion* left them in, upon the 12th of *October*, 1688.

Which

Which leading me back to the fore-mentioned-*State* of this *Affair* in *October*; little reſts for the carrying it on to that *ſignal Day*, that puts a natural *Bound* to the *ſubject* of theſe *Notes*, I mean the *Day* of my late *Royal* (but moſt unhappy) *Maſter*'s Retiring in *December*; As having received little other *Alteration* within that time, than what aroſe from a ſmall *Addition* to the *Fleet* under the Lord *Dartmouth*, and the coming home of ſome few others from *Foreign Service*; rendring the *whole*

The State of the Fleet in October 1688. *carried on to the Day of the King's withdrawing himſelf in* December.

whole then abroad, as follows,

Abstract *of the* Ships *of* War *and* Fire-Ships *in Sea-Pay upon the* 18th *of* December, 1688.

Manned with above 14600 Men.

Ships at Sea in December 1688.

	Ships			Men.
	At Sea.	Going out.	Total	
Rate — 3d	10	5	15	6080
4	29	2	31	7015
5	2	0	2	220
6	4	0	4	295
Fire-Ships —	22	4	26	965
Bomber ——	1	0	1	75
Total ——	68	11	79	14650

The

The *Import* of which *Fleet*, at a *Criſis* ſo eminent, as this is likely to appear in the future *Annals* of *England* (when it ſhall be remembred what paſſed, beſides it, upon the *Britiſh-Seas* between the two laſt-cited Periods of *October* and *December*) ſeeming to require ſome more diſtinct *Report* of it; than what is to be gathered from the foregoing *Abſtracts*; I ſubjoyn a *Liſt*, ſpecifying the *Rate*, *Name*, *Officers*, *Complement* of *Men* and *Station* of every Ship and Veſſel of His *Majeſty*'s then in *Sea-Service*, viz.

The ſame Reported more particularly, for the ſake of what occurr'd in our Seas within that Interval.

A *General* List of all His

in *Sea-Service* and *Pay*, upon
with their reſpective *Rates*,
plements of *Men*, and Sta

Rates	Ships	Commanders
3d	*Reſolution*	L. *Dartmouth* Ad C. *Davis*
3	*Elizabeth*	S. *J. Berry* V. Ad C. *Nevill*
3	*Cambridge*	C. *Tyrwhit*
3	*Defiance*	C. *Aſhby*
3	*Dreadnought*	C. *Akarman*
3	*Henrietta*	C. *Trevanion*
3	*Mary*	C. *Layton*
3	*Pendennis*	Sir *Will. Booth*

Majesty's *Ships* and *Vessels* the 18th of *December*, 1688. *Commanders*, *Lieutenants*, *Commissions*.

Lieutenants	Men	Station
Millison — *Preene*	450	Channel
Gother — *Crawley*	475	
Wright — *Bois*	420	
Bing — *Littleton*	390	
Bounty — *Tyrwhit*	355	
Gardner — *Dilks*	355	
Townesend — *Hays*	355	
Jennings — *Kerr*	460	

Rates	Ships	Commanders
3d	*Plymouth*	C. *Carter*
3	*York*	C. *Delavall*
4th	*Advice*	C. *Williams*
4	*Albans* Saint	C. *Conſtable*
4	*Anthelope*	C. *Ridley*
4	*Aſſurance*	C. *Mack Donell*
4	*Bonadventure*	C. *Hopſon*
4	*Briſtoll*	C. *Leighton*
4	*Centurion*	C. *Elliot*
4	*Conſtant Warwick*	C. *Cornwall*
4	*Crown*	C. *Robinſon*
4	*David* Saint	C. *Botham*
4	*Deptford*	C. *Rook*
4	*Diamond*	C. *Walters*
4	*Dover*	C. *Shovel*

Lieutenants	Men	Station
Foulks — *Edwards*	340	Channel.
Moody — *Manley*	340	
Haughton	230	
Killigrew — *Bundee*	280	
Pugh	230	
Fitz Patrick	180	
Granvil	230	
Penn — *Townſend*	230	
	230	
Hales	180	
Wickham	230	
Jennings — *Walker*	280	
Guy — *Bowyer*	280	
Greenway	230	
Dawes	230	

Rate	Ships	Commanders
4th	*Foresight*	C. *Standley*
4	*Greenwich*	C. *Wrenn*
4	*Jersey*	C. *Beverly*
4	*Mordaunt*	C. *Tyrrell*
4	*New Castle*	C. *Churchill*
4	*Nonsuch*	C. *Montgomery*
4	*Phœnix*	C. *Gifford*
4	*Portland*	C. G. *Aylemore*
4	*Portsmouth*	C. St. *Loe*
4	*Ruby*	C. *Froud*
4	*Swallow*	C. *M. Aylemore*
4	*Tiger*	C. *Tennant*
4	*Woolwich*	C. *Hastings*
6	*Lark*	C. *Grimsditch*
6	*Saudados*	C. *Graydon*
Bomb.	*Fire Drake*	C. *Leake*
Ketch	*Quaker*	C. *Allin*
Yts.	*Cleveland*	C. *Hoskins*
	Fubbs	C. *R. Sanderson*

Lieutenant	Men	Station
Hubbard — *Man* —	230	Channel
Vaughan — *Audeley* —	280	
Hammond —	230	
Carveth —	230	
Harman —	280	
Talbot —	180	
Harriſon —	180	
Trevanion —	240	
Beaumont —	220	
Gillam —	230	
Whittaker —	230	
L. *Will. Murray* -	230	
Talmach — *Baker* —	280	
— — —	85	
— — —	75	
— — —	75	
— — —	40	
— — —	30	
— — —	40	

Rate	Ships	Commanders
Yts.	*Isabella*	C. *W. Sanderson*
	Katherine	C. *Clements*
	Kitchin	C. *Crow*
	Mary	C. *Fazeby*
F.Sh.	*Cygnet*	C. *Shelley*
	Dartmouth	C. *Legg*
	Elizab and *Sarah*	C. *Dover*
	Guardland	C. *Jenifer*
	Richard & *John*	C. *Will Wright*
	Supply	C. *Crosse*
	Guernsey	C. *Arthur*
	Pearl	C. *Coale*
	Richmond	C. *Fairborne*
	Swan	C. *Johnson*
	Sophia	C. *Mings*
	Speedwell	C. *Powson*
	Rose Salley Prize	
	Saint *Paul*	C. *Boteler*
	Charles & *Henry*	C. *Stone*
	Roebuck	C. *Pooley*
	Unity	C. *Wyvel*
	Charles	C. *Potter*

Lieutenants	Men	Station
	30	
	30	
	30	
	30	
	30	
	55	
	25	
	50	
	20	
	20	Channel.
	50	
	50	
	50	
	50	
	27	
	30	
	37	
	50	
	25	
	16	
	25	
	30	

Rate	Ships	Commanders	Lie
F.Sh.	*Half-moon*	C. *Munden*	
	Young Spragg	C. *Wiseman*	
Yacht	*Merlin*	C. *Wilde*	
F.Sh.	*Eagle*	C. *Willford*	
	Sampson	C. *Harris*	
Yacht	*Navy*	C. *Cotton*	
Ketch	*Kingfisher*	C. *Swaine*	
Yacht	*Monmouth*	C. *Will. Wright*	
4th	*Dragon*	C. *Killigrew*	*Bo* / *Sh*
4	*Sedgemore*	C. *Lloyd*	*Bu* / *H*
5	*Saphire*	C. *Tosier*	*Brist*
Hulk	*Leopard*		
4	*Assistance*	C. *Law. Wright*	*Chap*
6	*Drake*	C. *Spragg*	
5	*Rose*	C. *George*	*Cond*
Ketch	*Deptford*	C. *Berry*	
6	*Dunbarton*	C. *Roe*	

Lieutenants	Men	Stations
	35	Channel.
	20	Portſm.
	30	Guard
	45	Sheern.
	50	Guard
	20	Guernſey
	15	Jerſey
	20	Ireland
Bokenham — Sherborne —	185	Salley
Buckel, - Hawkins -	240	Salley
Brisbane -	115	Salley
	33	Salley
Chapman -	200	Jamaica
	65	Jamaica
Condon —	105	New-England
	40	Virginia
	70	Virginia

Ships

Ships juſt come-in

Rate	Ships.	Commanders.
3d	*Montague*	L. *Berkley*, R. Ad.
3	*Rupert*	Sir *Will. Jennens*

Ships go-ing

Rate	Ships.	Commanders.
3d	*Edgar*	L. *Berkley* R. Ad.
3	*Dunkirk*	
3	*Warſpight*	Sir *Will. Jennens*
3	*Hampton Court*	C. *Prieſtman*
3	*Kent*	Sir. *F. Wheeler*
4	*Tiger* Prize	C. *Smith*
4	*Sweepſtakes*	

o be exchanged.

Lieutenants	Men	Station
Conway —— *Every* ——	355	Channel.
Staggins —— *Day* ——	400	

ng out.

Lieutenants	Men	Station
Every —— ——	460	Channel.
—— —— ——	340	
—— —— ——	420	
—— —— *Buck* ——	460	
Usher —— —— ——	460	
Foules —— ——	230	
—— —— ——	80	

Rate	Ships	Commanders
F.Sh.	*Mermaid*	C. *Ley*
	Thomas & Eliz.	
	Owners Love	
	Cadiz Merchant	

Ab… of the pre…

Rates and Qualities		At Sea
Rates	3d	10
	4	29
	5	2
	6	4
Fireships		2
Bomber		1
Hulk		1
Ketches		3
Yachts		9
Total		81

Lieutenants	Men	Station
	50	Channel
	40	
	40	
	45	

tract
ceding List.

Ships At Sea	Ships Going out	Ships To tal	Men
10	5	15	6080
29	2	31	7015
2	0	2	220
4	0	4	295
22	4	26	965
1	0	1	75
1	0	1	33
3	0	3	95
9	0	9	260
81	11	92	15038

And

A General List and State of the whole Navy of England, December 18. 1688.

And to the end nothing may be wanting to render theſe *Notes* completely expreſſive of the *State*, not of that *Fleet* only, but of the whole *Navy* of *England* at this ſo extraordinary *Conjuncture*, I add one *Table* more, ſhewing (through all the principle *Circumſtances* of it) the particular *Condition*, wherein every *Ship* and *Veſſel* thereof then ſtood, with the united *Force* of the *Whole*, as follows, *viz.*

A
LIST and STATE
OF THE
ROYAL NAVY.

N

A List and

Of the whole ROYAL NAVY
in *Harbour*) upon the 18. day of
Condition of each *Ship* and *Vessel*
Repairs and the Value of their
day; containing also an *Account*
presented to his *Majesty* by the
fects of every *Ship* comprehen
tion; compar'd with the *Real*
thereon by the late *Commissio*
Commencement of their *Com*
its *Determination*

Wherein to

That the *Ships* { Mark'd { *A.* were at *Sea*
B. were in *Har.*
C. have been
in the *Black* Letter

State

of *England* (whether at *Sea* or *December* 1688. ſhewing the therein, with reſpect to their *Rigging* and *Sea Stores*, upon that of the laſt and higheſt *Eſtimates Officers* of his *Navy* of the *De-* ded within *Mr. Pepys*'s *Propoſi-* *Charge* of the *Works* perform'd *ners* of the *Navy*, between the *miſſion March* 25*th.* 1686. and *October* 12. 1688.

be noted,

upon ——— } the ſaid 25
Jour wanting repair, on— } of *March*
added to the *R. Navy*, ſince } 1686.

are the 30 *New Ships.*

Ships

Ships and Vessels.		Place and Condition		
		At Sea or going forth.	In Har repair'd.	Under Repair.
1st. Rate.				
St. Andrew	B	—	*	—
Brittannia	B	—	—	*
Charles Royal	B	—	*	—
George St.	B	—	—	*
James Royal	B	—	*	—
London	B	—	*	—
Michael St.	B	—	—	*
Prince Royal	B	—	—	—
Soveraign	B	—	*	—
2d. Rate.				
Albemarle	B	—	*	—
Coronation	B	—	*	—
Duke	B	—	*	—

Dec. 18. 1688.

bour.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
To be repair'd.	Newly come in from Sea			
		£.	£.	£.
—	—	1616	1650	4296
—	—	2315	2138	5181
—	—	1577	1646	4735
—	—	1918	—	4296
—	—	1400	1882	4735
—	—	796	1574	4296
—	—	1286	5092	3668
*	—	—	—	4735
—	—	2134	1349	5181
		13042	15331	41123
—	—	3213	3773	4296
—	—	1200	1327	4296
—	—	719	2862	4296

Ships and Vessels.		Place and Condition: At Sea or going forth.	In Harbour: repair'd.	In Harbour: Under Repair
Dutchess	B	—	*	—
Katherine	B	—	—	*
Neptune	B	—	*	—
Ossory	B	—	*	—
Sandwich	B	—	*	—
Vanguard	B	—	*	—
Victory	B	—	—	—
Windsor Castle	B	—	*	—
3d. Rate.				
Anne	B	—	*	—
Berwick	B	—	*	—
Bredah	B	—	*	—
Burford	B	—	*	—
Cambridge	B	*	—	—
Captain	B	—	*	—

Dec. 18. 1688.

bour.		*Estimates of their Defects.*	*Real charge of their Repairs.*	*Value of their Rigging and Sea Stores.*
To be repair'd.	*Newly come in from Sea*			
		℔	℔	℔
——	——	1193	2826	4296
——	——	1499	2081	3668
——	——	949	1622	4296
——	——	837	745	4296
——	——	1622	3015	4296
——	——	897	1027	4296
*	——	——	——	3668
——	——	650	3438	4296
		12779	22716	46000
——	——	862	2203	2976
——	——	1055	370	2976
——	——	1186	1742	2976
——	——	975	2165	2976
——	——	944	4999	2580
——	——	1215	3046	2976

Ships and Vessels,		Place and Condition		
		At Sea, or going forth	In Har repair'd	Under Repair
Defiance	B	*		
Dreadnought	B	*		
Dunkirk	B	*		
Eagle	B		*	
Edgar	B	*		
Elizabeth	B	*		
Essex	B		*	
Exeter	B		*	
Expedition	B		*	
Grafton	B		*	
Hampt. Court	B	*		
Harwich	B		*	
Henrietta	B	*		
Hope	B		*	
Kent	B	*		
Lenox	B		*	
Lion	B		*	

Dec. 18. 1688. bour.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
To be repair'd.	Newly come in from Sea			
		℔	℔	℔
——	——	512	1747	2365
——	——	1140	1780	2195
——	——	409	592	1903
——	——	705	586	2976
——	——	1911	7141	2976
——	——	503	1444	2976
——	——	1427	1454	2976
——	——	1391	553	2976
——	——	725	401	2976
——	——	735	1496	2976
——	——	830	4771	2976
——	——	634	885	2580
——	——	594	945	2195
——	——	1257	1922	2976
——	——	1382	1670	2976
——	——	354	797	2976
——	——	602	955	2195

Ships and Vessels:		Place and Condition		
		At Sea, or going forth.	In Harbour repair'd.	In Harbour Under Repair.
Mary	B	*		
Monck	B			*
Monmouth	B		*	
Montague	B		*	
Northumberl.	B		*	
Royal Oak	B			
Pendennis	B	*		
Plymouth	B	*		
Resolution	B	*		
Restauration	B		*	
Rupert	B		*	
Sterling-Caſt	B		*	
Suffolk	B		*	
Swiftſure	B		*	
Warſpight	B	*		
York	B	*		

Dec. 18. 1688.

bour.		Estimates of their Defects	Real charge of their Repairs.	Value of their Rigging and Sea-Stores.
To be Repair'd.	Newly come in from Sea			
		℔	℔	℔
——	——	3152	7236	2195
——	——	1565	2212	2195
——	——	997	5643	2365
——	——	503	3814	2365
——	——	1186	1114	2976
*	——	——	——	2976
——	——	736	1521	2976
——	——	670	1111	2195
——	——	510	1292	2365
——	——	2963	734	2976
——	——	129	420	2365
——	——	1349	2033	2976
——	——	357	1857	2976
——	——	610	941	2580
——	——	1959	4130	2365
——	——	1460	4147	2195
		39502	81869	104670

Ships and Vessels.		Place and Condition In Har		
		At Sea, or going forth	repair'd	Under Repair.
4th: Rate.				
Advice	3	*		
Albans St.	C	*		
Anthelope	B	*		
Assistance	B	*		
Assurance	B	*		
Bonadventure	A	*		
Bristol	A	*		
Charles Gally	B			
Centurion	B	*		
Constant Warwick	B	*		
Crown	A	*		
David St.	B	*		
Deptford	C	*		
Diamond	B	*		
Dover	B	*		

Dec. 18. 1688.

bour.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
To be repair'd	Newly come in from Sea			
		£	£	£
—	—	2902	1558	1582
—	—	2212	3597	1582
—	*	1749	2148	1582
—	—	1812	3640	1582
—	*	989	1316	1348
—	—	—	—	1582
—	—	—	—	1582
—	*	186	183	1348
—	*	1222	3495	1582
—	—	1189	451	1348
—	—	—	—	1582
—	—	216	687	1901
—	—	2377	4596	1728
—	—	576	821	1582
—	—	1849	3043	1582

Ships and Vessels.		Place and Condition		
		At Sea or going forth.	In Harbour repair'd.	In Harbour Under Repair.
Dragon	B	*		
Faulcon	A			
Foresight	B	*		
Greenwich	B	*		
Hampshire	B		*	
Happy Return	A			*
James Gally	A		*	
Jersey	B	*		
King-fisher	A			*
Mary Rose	A			
Mary Gally	C		*	
Mordaunt	B	*		
New-Castle	B	*		
Nonsuch	B	*		
Oxford	A			*
Phœnix	A	*		
Portland	B	*		

Dec. 18. 1688

bour.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
To be repair'd.	Newly come in from Sea			
		£.	£.	£.
—	—	748	268	1472
—	*	—	—	1348
—	—	390	380	1582
—	—	280	374	1903
—	—	2500	3349	1472
—	—	—	—	1728
—	—	—	—	1348
—	—	2254	1416	1582
—	—	—	—	1903
—	*	—	—	1582
—	—	—	—	1348
—	—	642	1025	1582
—	—	1329	2223	1728
—	—	1721	2024	1348
—	—	—	—	1903
—	—	—	—	1348
—	—	1922	4689	1728

Ships and Vessels.		Place and Condition		
		At Sea or going forth.	In Har repair'd	Under Repair.
Portsmouth	B	*		
Reserve	B			
Ruby	A	*		
Sedgemore	C	*		
Swallow	B	*		
Sweepstakes	B	*		
Tiger	B	*		
Tiger Prize	B	*		
Woolwich	B	*		
5th, Rate.				
Rose	A	*		
Saphire	A	*		

Dec. 18. 1688.

bour.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
To be repair'd.	Newly come in from Sea			
		℔	℔	℔
—	—	2500	2649	1472
—	*	427	259	1582
—	—	—	—	1582
—	—	2337	3650	1728
—	—	1314	1571	1582
—	—	1368	1612	1348
—	—	326	365	1728
—	—	1348	1102	1582
—	—	525	1513	2195
		39204	54001	65199
—	—	—	—	902
—	—	—	—	1031
				1933

Ships and Vessels.		Place and Condition. In Har		
		At Sea, or going forth	repair'd.	Under Repair.
6th. Rate.				
Drake	A	*		
Dunbarton	B	*		
Fanfan	B		*	
Greyhonnd	A		*	
Larke	A	*		
Saudadoes	A	*		
Bombers				
Fire-Drake	C	*		
Portſmouth	A		*	
Salamander	C		*	

Dec. 18. 1688.

bour.		*Estimates of their Defects.*	*Real charge of their Repairs.*	*Value of their Rigging and Sea Stores.*
To be repair'd.	*Newly come in from Sea*			
		℔	℔	℔
				536
		156	288	634
		30	36	391
				634
				634
				634
		186	324	3463
				634
				391
				536
				1561

Ships and Vessels.		Place and Condition		
		At Sea or going forth.	In Har repair'd.	Under Repair
Fire Ships				
Cadiz-Merchant	C	*		
Cygnet	C	*		
Charles	C	*		
Charles and Henry	C	*		
Dartmouth	A	*		
Eagle	A	*		
Eliz. and Sarah	C	*		
Guardland	B	*		
Guernsey	B	*		
Half-Moon	C	*		
Mermaid	A	*		
Owners Love	C	*		
Pearle	A	*		
Paul St.	B	*		
Rich. and John	C	*		

Dec. 18. 1688.

our.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea-Stores.
To be Re-air'd.	Newly come in from Sea			
		£	£	£
				250
				250
				273
				1031
				902
				300
		295	147	1031
		1150	1685	1031
				634
				1031
				1031
		630	1014	1031

Ships and Vessels.		Place and Condition		
		At Sea or going forth.	In Harbour repair'd	In Harbour Under Repair.
Richmond	B	*		
Roebuck	C	*		
Rose	B	*		
Sampson	B	*		
Sophia	B	*		
Speedwell	C	*		
Supply	C	*		
Swann	B	*		
Thomas and *Eliz.*	C	*		
Unity	C	*		
Young Spragg	B	*		
Hoys.				
Delight	B		*	
Lighter	B		*	
Marygold	B		*	

Dec. 18. 1688.

bour.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
To be repair'd.	Newly come in from Sea			
		£.	£.	£.
—	—	590	1403	902
—	—	—	—	250
—	—	155	575	902
—	—	520	411	902
—	—	110	182	536
—	—	—	—	280
—	—	—	—	—
—	—	795	633	1031
—	—	—	—	—
—	—	—	—	277
—	—	80	126	390
		4325	6176	14265
—	—	—	—	—
—	—	—	—	—
—	—	—	—	—

Ships and Vessels:		Place and Condition		
		At Sea, or going forth.	In Har repair'd.	Under Repair.
Nonſuch	C	—	*	—
Tranſporter	B	—	*	—
Unity Horſeboat	B	—	*	—
Hulkes.				
Arms of *Horne*	B	—	*	—
Arms of *Rotterd.*	B	—	*	—
French Ruby	B	—	*	—
George Saint	B	—	*	—
Leopard	B	*	—	—
Maria Prize	C	} *Gibr.*	—	—
Puntoone	B		—	—
State-Houſe	B	—	*	—

bour.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
To be re-pair'd	Newly come in from Sea	℔	℔	℔
		129	83	
		2065	680	
		1427	193	
		3858	1156	1562
		300	126	
		7779	2238	1562

Ships and Vessels.		Place and Condition, In Har		
		At Sea, or going forth	repair'd	Under Repair.
Ketches.				
Deptford	A	*	—	—
Kingfisher	A	*	—	—
Quaker	A	*	—	—
Smacks.				
Escape Royal	B	—	*	—
Little London	B	—	*	—
Sheerness	B	—	*	—
Shish	B	—	*	—
Tow-Engine	B	—	*	—

Dec. 18. 1688.

bour.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea Stores.
To be repair'd.	Newly come in from Sea			
		℔	℔	℔
				391
				391
				391
				1173

Ships and Vessels.		Place and Condition		
		At Sea or going forth.	In Har repair'd	Under Repair
Yachts.				
Charlotte	A		*	
Cleveland	B	*		
Fubbs	A	*		
Henrietta	A		*	
Jemmy	B		*	
Isabella	A	*		
Isle of Wight	B		*	
Katherine	A	*		
Kitchin	A	*		
Mary	A	*		
Merlin	B	*		
Monmouth	A	*		
Navy	A	*		
Quinborow	B		*	

Dec. 18. 1688.

bour.		Estimates of their Defects.	Real charge of their Repairs.	Value of their Rigging and Sea-Stores.
To be Repair'd	Newly come in from Sea			
		℔	℔	℔
				550
				550
				550
				550
				160
				360
				100
				550
				500
				550
				550
				550
				400
				50
				5970

An **Abſtract** of the foregoing
vy of *England*, upon the 18.
Force of

Ships and Veſſels.		*Place and Condition*		
		At Sea, or going forth.	In Har *repair'd.*	*Under Repair.*
Rates	1.	—	5	3
	2.	—	9	1
	3.	15	22	1
	4.	31	3	3
	5.	2	—	—
	6.	4	2	—
Bombers		1	2	—
Fireſhips		26	—	—
Hoys		—	6	—
Hulks		1	7	—
Ketches		3	—	—
Smacks		—	5	—
Yachts		9	5	—
		92	66	8

List and *State* of the *Royal Na-*
of *December* 1688. with the
the whole.

Dec. 18. 1688.			*Force.*	
bour.				
To be re-pair'd.	*Newly come in from Sea*	*Total.*	*Men.*	*Guns.*
1	——	9	6705	878
1	——	11	7010	974
1	——	39	16545	2640
——	4	41	9480	1908
——	——	2	260	60
——	——	6	420	90
——	——	3	120	34
——	——	26	905	218
——	——	6	22	——
——	——	8	50	——
——	——	3	115	24
——	——	5	18	——
——	——	14	353	104
3	4	173	42003	6930

Conclusion.

And having thus ſummarily brought this *Deduction* of the laſt *Ten* years *Home-Tranſactions* of our *Navy* to the day I firſt ſet for its *Period*, as it alſo (moſt wellcomely) proves to my own (now 30 *Years*) Relation to't; wherein (as an *Engliſhman*, and in a *Service* purely *Engliſh*) I have ever with all ſimplicity of mind contended, to render this humble *Province* of mine uſeful to my *Country*: I cloſe this Paper.

Which

Which amounting to little more than the *Contents* of one *Chapter* of a greater Number, wherewith the *World* may ſome time or other be more largely entertain'd upon the general Subject of the *Navalia* of *England*; I have, (for preventing either others or my own being miſled, to the *believing* or *reporting* ought herein needing *Animadverſion*) choſen to expoſe what is here ſaid, Now, while ſo many are ſurviving, whoſe *Memories* (joyn'd with the eaſie Recourſe to be ſtill had to the *Original Regiſters* thereof in the *Offices* of the

Admiralty and *Navy*) may enable them to do right to the *Publick*, *Themſelves*, and *Me*, by a timely rectifying of any *Errors*, or Improvement of any *Truths*, which *Time* may otherwiſe render in themſelves leſs diſcoverable, or Us leſs ſolicitous in the looking after them. In which conſideration I ſhall (not gladly only, but) thankfully receive Intimations of any *Matters* herein calling for *Amendment*; as well-knowing how far from *infallible* his beſt *endeavours* muſt be, that has to do with a *Subject* ſo extenſive, various, and complicate, as that of

of a *Navy*; and a *Navy* circumſtanc'd as this happens to be within the limits of this *Chapter.*

But whatever (more or leſs) I may meet with from better *Hands* towards the improvement of this *Schitz*: Somewhat (I truſt) of preſent utility may (even as it is) be hoped for from it, in the ſo ample, freſh, and coſtly *Experiment* (and to *England* moſt inſtructive) which this *Paper* exhibits, of the *Validity* of theſe three *Truths* in its *Sea Oeconomy*, Viz.

1. That

Corollarys from the Premiſes.

1.——That Integrity, *and general (but unpractic'd)* Knowledge, *are not alone ſufficient to conduct and ſupport a* Navy *ſo, as to prevent its* Declenſion *into a* State *little leſs unhappy, than the worſt that can befall it under the* want *of* both.

2.——That *not much more (neither) is to be depended on, even from* Experience *alone and* Integrity; *unaccompany'd with* Vigour *of* Application, Aſſiduity, Affection, Strictneſs *of* Diſcipline, *and* Method.

That

3.——That *it was a ſtrenuous* Conjunction *of all theſe* (*and that* Conjunction *only*) *that within half the* Time, *and leſs than half the* Charge *it coſt the* Crown *in the expoſing it, had* (*at the very inſtant of its unfortunate* Lord's *Withdrawing from it*) *rais'd the* Navy *of* England *from the loweſt ſtate of* Impotence, *to the moſt advanced ſtep towards a laſting and ſolid* Proſperity, *that* (*all* Circumſtances *conſider'd*) *this* Nation *had ever ſeen it at.*

And yet not ſuch; but that (even at this its *Zenith*) it both did

did and ſuffer'd ſufficient to *teach* us, that there is *Something* above both *That* and *Us*, that Governs the *World*.

To which (Incomprehenſible) *alone be*
GLORY.

FINIS.

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